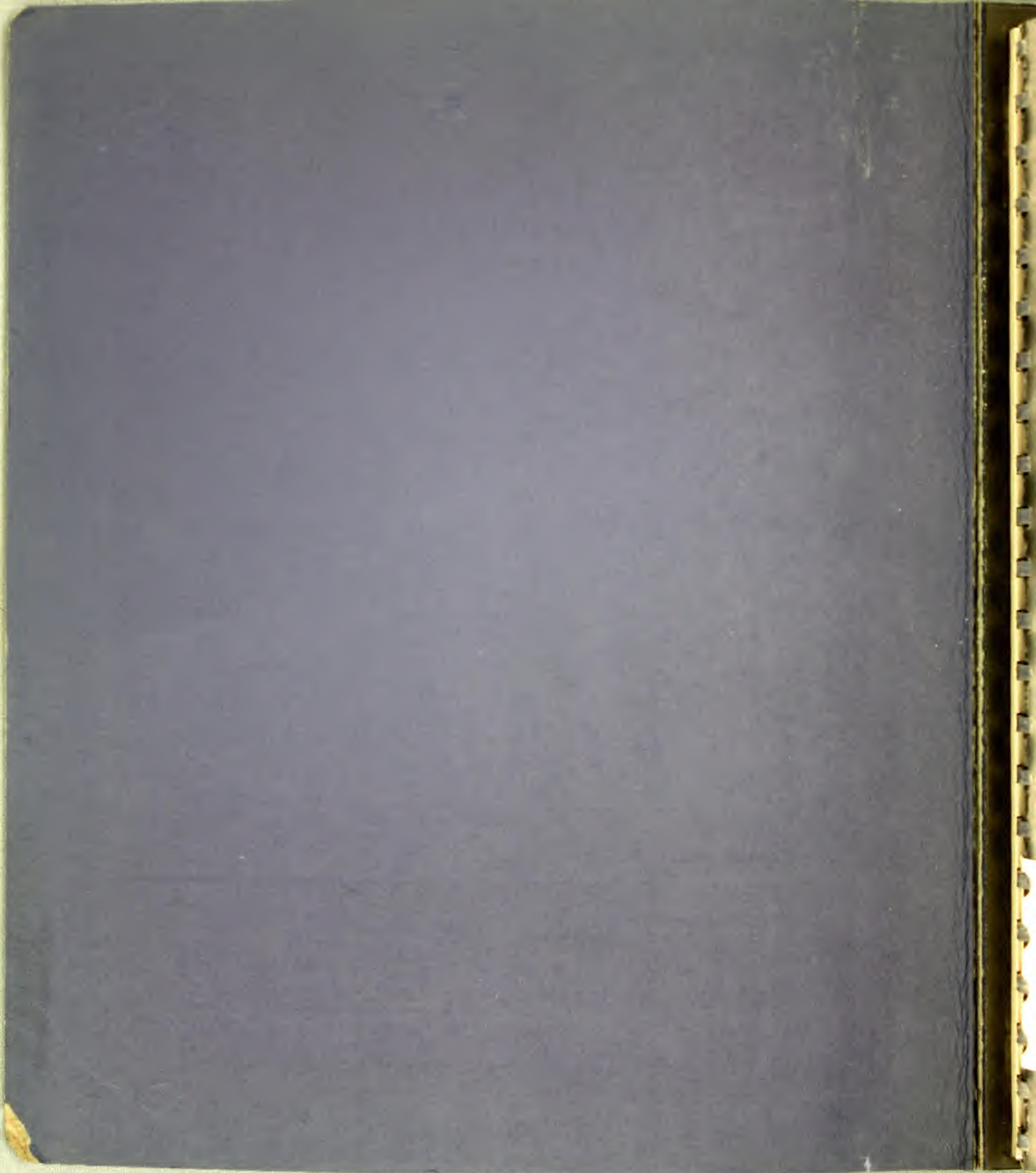


DETROIT

**FINE
BUILDERS
HARDWARE**

**DETROIT HARDWARE MFG. CO.
1320 MT. ELLIOTT AVE., DETROIT 7. MICH., U. S. A.**

A. I. A.—FILE NO. 27B
DETROIT HARDWARE MFG. CO.



815

MODERN HARDWARE for MODERN DOORS

Catalogs No. 9 and 10
1950

TO OPEN—*twist bottom
levers clockwise slightly
as you press them.*

TO CLOSE—*press
top levers.*

HARDWARE MANUFACTURING COMPANY

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315

MODERN HARDWARE

for

MODERN DOORS

**Catalogs No. 9 and 10
1950**

DETROIT HARDWARE MANUFACTURING COMPANY

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WE PRESENT this catalog to the Hardware Trade, to whom we are indebted, not only for their generous suggestions, but material support for many years.

These lines are subject to modification and we are prepared to furnish information through both our engineering and art departments, upon request.

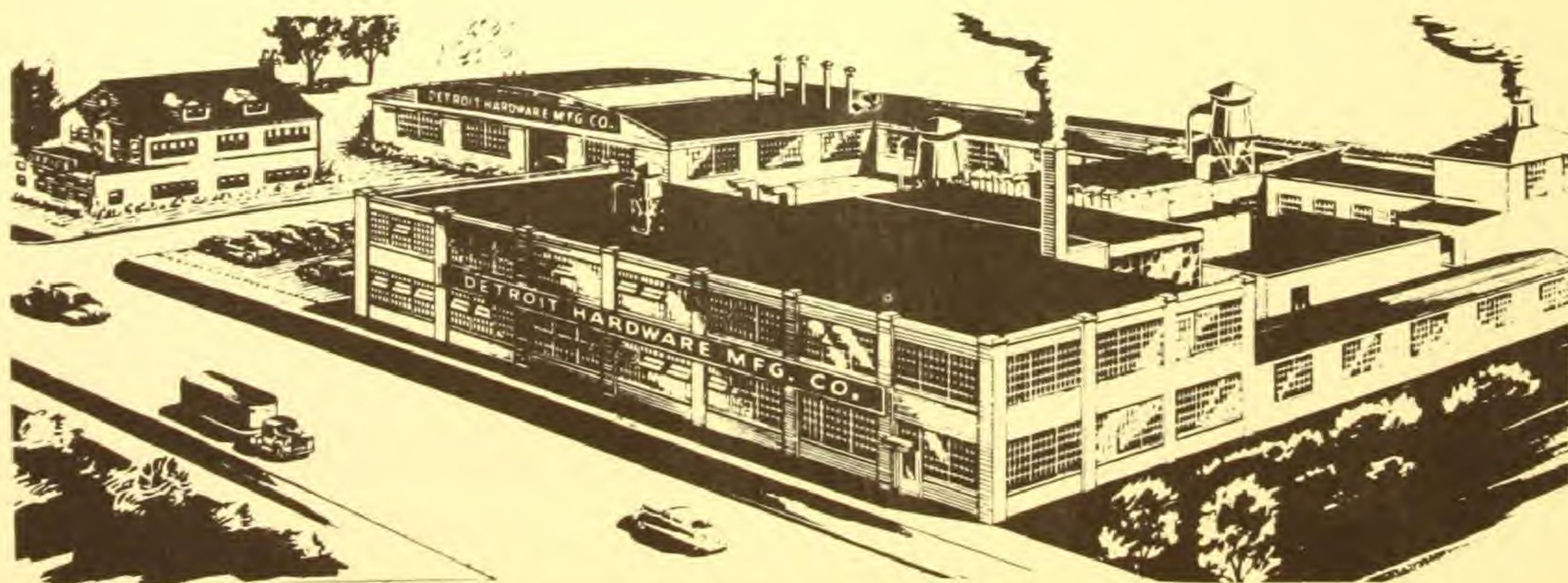
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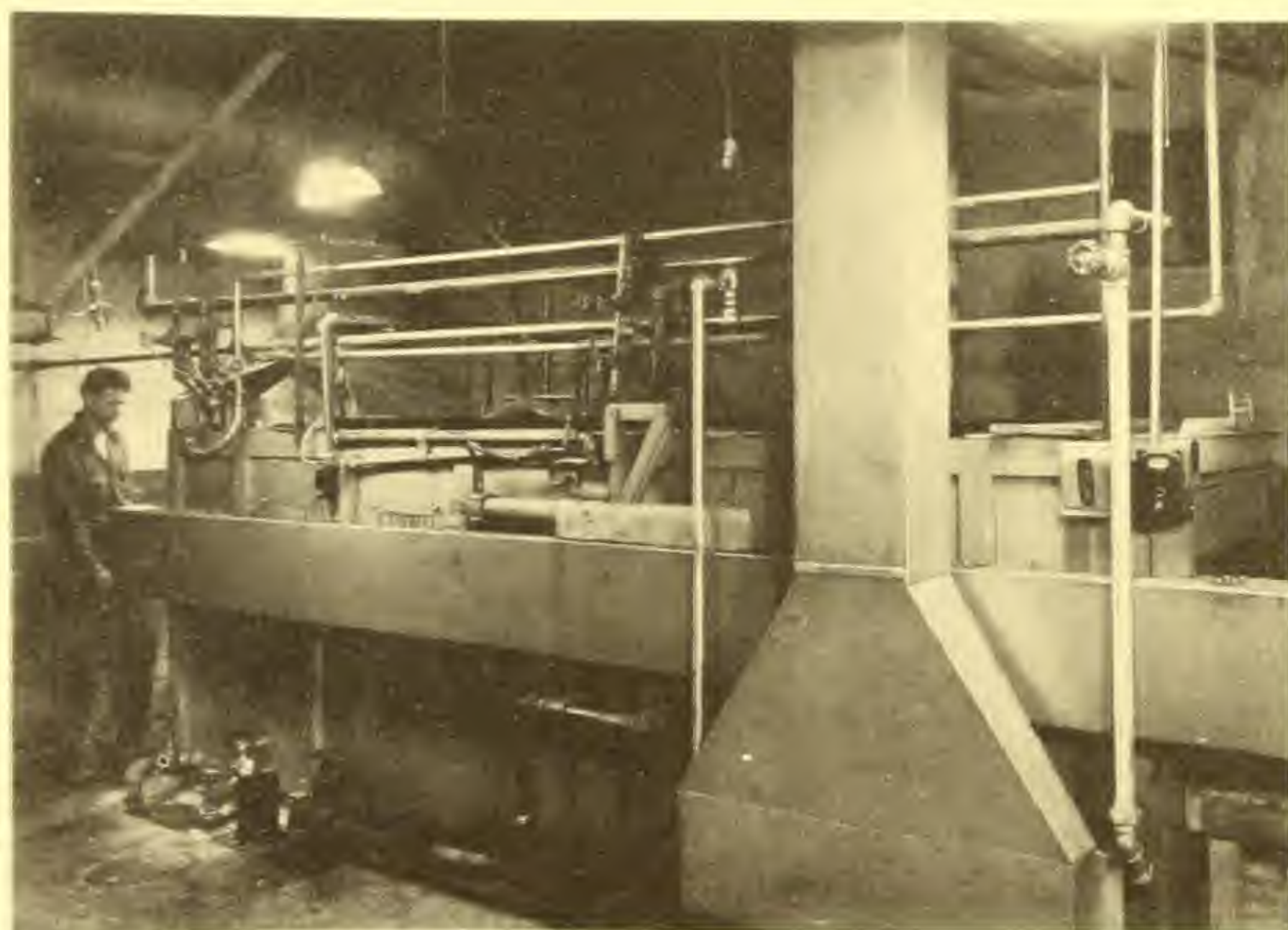
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BRASS FINISHING



TOOL AND DIES



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HYDRAULIC FORMING



ALUMILITING



MILL STOCK



LACQUERING



TOOL AND DIE MAKING



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AUTOMATIC DRILLING AND TAPPING



ASSEMBLING



DIE CASTING



AUTOMATIC TAPPING



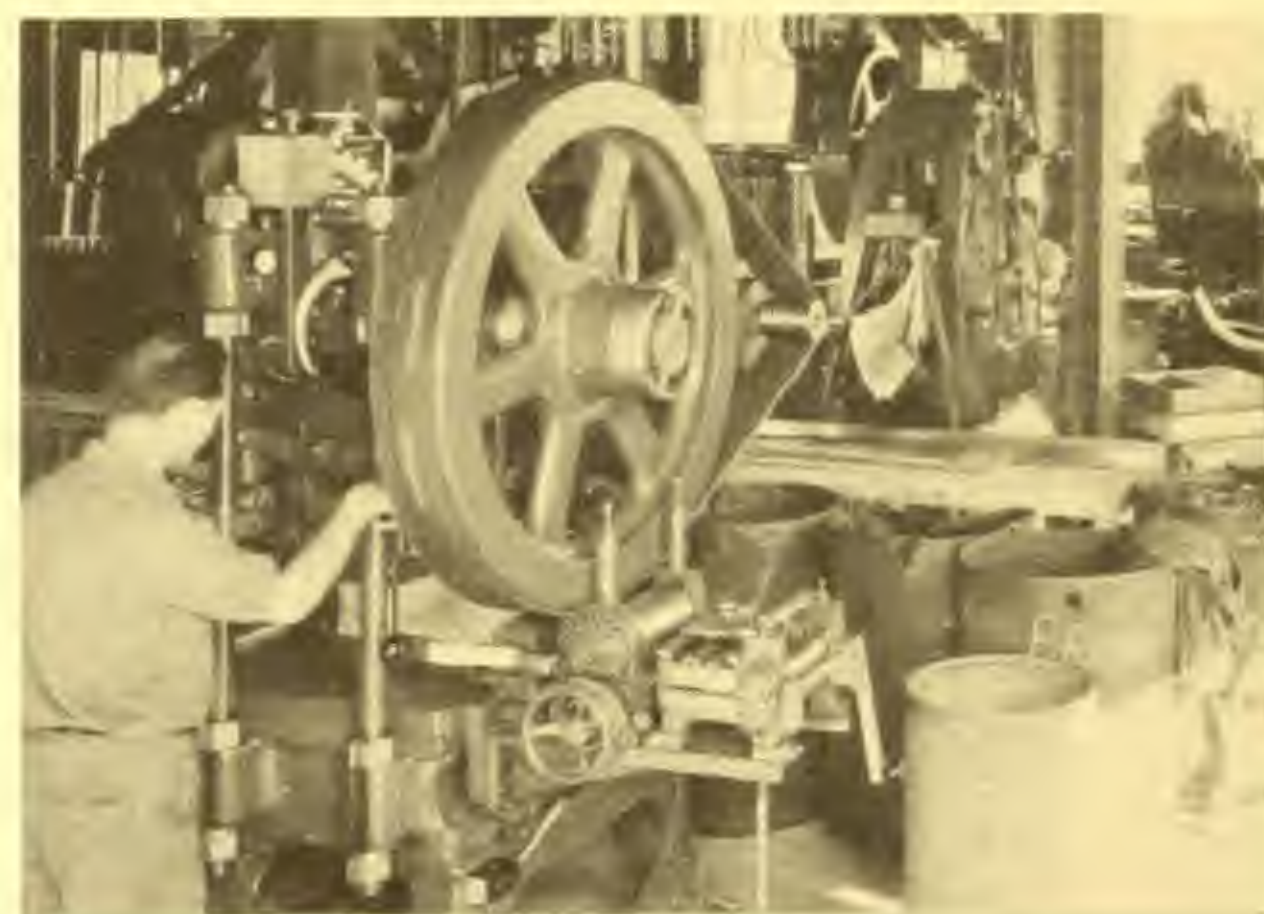
MACHINING



TOOL AND DIES



FORGING



PRESS ROOM



SEMI-FINISHED STOCK



MILL STOCK



PACKING



GEAR CUTTING



PACKING



PACKING



PACKING



ASSEMBLING



MACHINING

STANDARD OF QUALITY

ALPHABETICAL INDEX

-A-		-K-	
ARM DOOR PULLS	85	KEY PLATES	154, 155
-B-		KICK PLATES	172
BARS, GUARD	70	KNOB ROSES	131, 135
BARS, PUSH	1, 69	KNOBS, DOOR	141, 147
BARS, SCREEN DOOR	70	KNOBS, DRAWER	148
BUTTS	169	KNOBS, MORTISE BOLT	148
-C-		-L-	
CONCEALED SCREW ROSES	136	LETTER BOX PLATES	160, 161
CUP, ESCUTCHEON	159	LEVER HANDLES	149, 153
CUP HANDLES	158	LOCKS, CYLINDER - For	
CUPBOARD LATCHES	169	Tubular Doors, See Catalogue	
-D-		No. 11	
DOOR GUARDS	70	-M-	
DOOR KNOBS	141, 147	METAL WINDOW HARDWARE	
DOOR PULLS	71, 97	See Catalogue No. 12	
DOOR STOPS	170	MORTISE BOLT KNOBS	148
DOOR STUDS	173	-N-	
DROP HANDLES	157	NAME PLATES	117
DUTCH DOOR QUADRANTS	169	-P-	
-E-		PLATES, HINGE	174
ESCUTCHEONS, CUP	159	PLATES, KEY	154, 155
ESCUTCHEONS, DESIGN	119, 122	PLATES, KICK	172
-F-		PLATES, LETTER BOX	160, 161
FASTENERS, SASH	171	PLATES, NAME	117
FLUSH CUP ESCUTCHEONS	159	PLATES, PUSH	92, 98
FLUSH CUP HANDLES	158	PLATES, PULL	171
-G-		POLE HANGERS	171
GRIPS	111, 112	PULL DOWN HOOKS	171
GUARDS, DOOR	70	PULLS, DOOR	92, 97
-H-		PULLS, HOSPITAL	85
HANDLES, CUP	158	PULLS, SLIDING DOOR	159
HANDLES, DROP *	157	PUSH BARS	1, 69
HANDLES, FRONT DOOR	103, 110	PUSH PLATES	92, 98
HANGERS, POLE	171	-Q-	
HINGE PLATES	174	QUADRANTS, DUTCH DOOR	169
HINGES	169	-R-	
HOOKS, PULL DOWN	171	ROSES, AUXILIARY SPRING	136
		ROSES, KNOB	131, 135

STANDARD OF QUALITY

ALPHABETICAL INDEX

-S-

SASH FASTENERS	171
SASH PULL PLATES	171
SASH SOCKETS	171
SCREEN DOOR GUARDS	70
SECTIONAL HANDLES	103, 110
SLIDING DOOR PULLS	159
SOCKETS, SASH	171
STOPS, DOOR	170
STUDS, DOOR	173

-T-

THRESHOLD - See Catalogue No. 10	
THUMB TURNS	156
TEMPERED GLASS DOOR HARDWARE - See Catalogue No. 10	



STANDARD OF QUALITY

NUMERICAL INDEX

NO.	DESCRIPTION	PAGE	NO.	DESCRIPTION	PAGE
1	DOOR GUARD	70	50PR	KEY PLATE	154
2	DOOR GUARD	70	50PT	KEY PLATE	154
3	DOOR GUARD	70	50PU	KEY PLATE	155
4	DOOR GUARD	70	50SA	KEY PLATE	154
7	PULL	157	50SK	KEY PLATE	154
8	PULL	157	50ST	KEY PLATE	154
10	FASTENER	171	50	SASH PULL	171
10	GRIP	112	50	STUD	173
10	STOP	170	55AA	KEY PLATE	155
10 $\frac{1}{2}$	STOP	170	58	GRIP	111
11	GRIP	112	60BA	KEY PLATE	155
11	STOP	170	60BC	KEY PLATE	155
11 $\frac{1}{2}$	STOP	170	60BD	KEY PLATE	155
11 $\frac{3}{4}$	STOP	170	60BE	KEY PLATE	155
12	STOP	170	60EG	KEY PLATE	155
12 $\frac{1}{2}$	STOP	170	60EH	KEY PLATE	155
13	GRIP	112	60EL	KEY PLATE	155
13	STOP	170	60EN	KEY PLATE	155
13 $\frac{1}{2}$	STOP	170	60ES	KEY PLATE	155
14	GRIP	112	60	GRIP	111
20	PIVOT	169	60	SASH PULL	171
20	SASH PULL	171	62	GRIP	111
22	PIVOT	169	70	POLE HANGER	171
30	SASH PULL	171	70	PUSH BAR	68
30DA	ESCUTCHEON	119	70 $\frac{1}{4}$	PUSH BAR	68
30RA	ESCUTCHEON	120	71	PUSH BAR	69
38	STUD	173	71 $\frac{1}{4}$	PUSH BAR	69
40	SASH PULL	171	72	PUSH BAR	68-69
40DA	ESCUTCHEON	119	72 $\frac{1}{4}$	PUSH BAR	68-69
40RA	ESCUTCHEON	120	74	GRIP	111
43	DOOR GUARD	70	75	GRIP	111
50AA	KEY PLATE	155	75	STUD	173
50AB	KEY PLATE	154	76	STUD	173
50AH	KEY PLATE	154	78	STUD	173
50DA	KEY PLATE	119	80	PUSH BAR	65
50DL	KEY PLATE	154	80 $\frac{1}{4}$	PUSH BAR	65
50FB	KEY PLATE	155	81	PUSH BAR	65
50FD	KEY PLATE	155	81 $\frac{1}{4}$	PUSH BAR	65
50HP	KEY PLATE	155	84	PUSH BAR	66
50MA	KEY PLATE	154	84 $\frac{1}{4}$	PUSH BAR	66
50PM	KEY PLATE	154	86	PUSH BAR	66
50PO	KEY PLATE	154	86 $\frac{1}{4}$	PUSH BAR	66

NUMERICAL INDEX

NO.	DESCRIPTION	PAGE	NO.	DESCRIPTION	PAGE
100AA	CYLINDER ROSE	105	125SA	DRAWER KNOB	148
100AJ	CYLINDER ROSE	106	125SK	DRAWER KNOB	148
100CM	CYLINDER ROSE	103	125	STUD	173
100EL	CYLINDER ROSE	103	150CE	KEY PLATE	154
100HD	CYLINDER ROSE	105	150CE	KNOB	142
100HM	CYLINDER ROSE	106	150MP	DRAWER KNOB	148
100HR	CYLINDER ROSE	103	150PR	KEY PLATE	154
100HS	CYLINDER ROSE	106	150TL	KNOB	147
100ML	CYLINDER ROSE	104	150ML	PUSH BAR	47
100MN	CYLINDER ROSE	104	150MN	PUSH BAR	48
100NT	CYLINDER ROSE	106	150MR	PUSH BAR	47
100PR	CYLINDER ROSE	104	150MS	PUSH BAR	47
100PU	CYLINDER ROSE	106	150MT	PUSH BAR	47
100RU	CYLINDER ROSE	103	150MV	PUSH BAR	47
100SP	CYLINDER ROSE	104	150 $\frac{1}{4}$ ML	PUSH BAR	48
100WB	CYLINDER ROSE	103	150 $\frac{1}{4}$ MN	PUSH BAR	48
100WS	CYLINDER ROSE	103	150 $\frac{1}{4}$ MR	PUSH BAR	48
100AA	DRAWER KNOB	148	151ML	PUSH BAR	1-2
100BL	DRAWER KNOB	148	151MN	PUSH BAR	5-6
100BT	DRAWER KNOB	148	151MR	PUSH BAR	1-2
100CE	DRAWER KNOB	148	151MS	PUSH BAR	13
100FT	DRAWER KNOB	148	151MT	PUSH BAR	33
100MC	DRAWER KNOB	148	151 $\frac{1}{4}$ ML	PUSH BAR	3-4
100NW	DRAWER KNOB	148	151 $\frac{1}{4}$ MN	PUSH BAR	7-8
100TL	DRAWER KNOB	148	151 $\frac{1}{4}$ MR	PUSH BAR	3-4
100	STUD	173	151 $\frac{1}{4}$ MS	PUSH BAR	16-20
101	STUD	173	152ML	PUSH BAR	1
102	STUD	173	152MN	PUSH BAR	5
103	STUD	173	152MR	PUSH BAR	1
104	STUD	173	152MS	PUSH BAR	13
105	STUD	173	152MT	PUSH BAR	33
105	PUSH PLATE	98	152 $\frac{1}{4}$ ML	PUSH BAR	3
111	GRIP	112	152 $\frac{1}{4}$ MN	PUSH BAR	7
113	GRIP	112	152 $\frac{1}{4}$ MR	PUSH BAR	3
114	GRIP	112	152 $\frac{1}{4}$ MS	PUSH BAR	14
120	STUD	173	153ML	PUSH BAR	2
121	STUD	173	153MN	PUSH BAR	6
122	STUD	173	153MR	PUSH BAR	2
123	STUD	173	153MS	PUSH BAR	15
125AA	DRAWER KNOB	148	153 $\frac{1}{4}$ ML	PUSH BAR	4
125DL	DRAWER KNOB	148	153 $\frac{1}{4}$ MN	PUSH BAR	8
125NW	DRAWER KNOB	148	153 $\frac{1}{4}$ MR	PUSH BAR	4
125PR	DRAWER KNOB	148			

NUMERICAL INDEX

NO.	DESCRIPTION	PAGE	NO.	DESCRIPTION	PAGE
153 $\frac{1}{4}$ MS	PUSH BAR	16	200AB	KNOB	147
154ML	PULL	72	200BL	KNOB	141
154MR	PULL	72	200CE	KNOB	142
154MS	PULL	72	200DK	KNOB	144
155ML	PUSH BAR	45	200DL	KNOB	144
155MN	PUSH BAR	46	200FT	KNOB	144
155MR	PUSH BAR	45	200GE	KNOB	143
155MS	PUSH BAR	45	200JH	KNOB	145
155MT	PUSH BAR	45	200JK	KNOB	145
155 $\frac{1}{4}$ ML	PUSH BAR	46	200MA	KNOB	143
155 $\frac{1}{4}$ MR	PUSH BAR	46	200MC	KNOB	145
158	STUD	173	200MF	KNOB	145
170	PUSH BAR	68	200MP	KNOB	145
170 $\frac{1}{4}$	PUSH BAR	68	200NT	KNOB	144
171	PUSH BAR	69	200NW	KNOB	141
171MS	PUSH BAR	17	200PR	KNOB	142
171 $\frac{1}{4}$	PUSH BAR	69	200SA	KNOB	146
173MS	PUSH BAR	17	200SK	KNOB	146
174MS	PUSH BAR	18	200ST	KNOB	146
175BL	KNOB	141	200TL	KNOB	147
175BT	KNOB	141	200	STUD	173
175CE	KNOB	142	200	CUP HANDLE	158
175GE	KNOB	143	201	CUP HANDLE	158
175FT	KNOB	144	202	CUP HANDLE	158
175NT	KNOB	144	205	PULL	82
175PR	KNOB	144	209	PULL	82
175TL	KNOB	147	212MN	PUSH PLATE	96
182	PUSH BAR	49	217	PULL	82
182 $\frac{1}{4}$	PUSH BAR	50	218	PULL	82
183	PUSH BAR	53	219	PULL	82
183 $\frac{1}{4}$	PUSH BAR	54	220	PULL	82
185	PUSH BAR	49	225AA	KNOB	142
185	STUD	173	225DA	KNOB	119
185 $\frac{1}{4}$	PUSH BAR	50	225MA	KNOB	143
186	PUSH BAR	53	225MP	KNOB	145
186	STUD	173	225NT	KNOB	144
186 $\frac{1}{4}$	PUSH BAR	54	225PR	KNOB	142
198	PUSH BAR	55-57	225TL	KNOB	147
198 $\frac{1}{4}$	PUSH BAR	56	250BL	KNOB	141
199	PUSH BAR	55	250FT	KNOB	144
199 $\frac{1}{4}$	PUSH BAR	56	250GE	KNOB	143
200	CUP HANDLE	158	250SA	KNOB	146
200AA	KNOB	142	250SK	KNOB	146
			275AA	KNOB	142
			275PR	LEVER HANDLE	149

STANDARD OF QUALITY

NUMERICAL INDEX

NO.	DESCRIPTION	PAGE	NO.	DESCRIPTION	PAGE
300	FLUSH HANDLE	158	316DL	THUMB TURN	156
300BL	KNOB	141	316FB	THUMB TURN	156
300MA	KNOB	143	316FD	THUMB TURN	156
300PR	KNOB	142	316GB	PUSH PLATE	94
300AB	LEVER	149	316GW	PUSH PLATE	95
300AE	LEVER	152	316HP	THUMB TURN	156
300AG	LEVER	150	316MA	THUMB TURN	156
300PR	LEVER	149	316PM	THUMB TURN	156
301	FLUSH HANDLE	158	316PO	THUMB TURN	156
302	FLUSH HANDLE	158	316PR	THUMB TURN	156
312AM	PUSH PLATE	95	316PU	THUMB TURN	156
312GB	PUSH PLATE	94	316PT	THUMB TURN	156
312RC	PUSH PLATE	92	316RC	PUSH PLATE	92
312SR	PUSH PLATE	92	316SA	THUMB TURN	156
312WB	PUSH PLATE	93	316SK	THUMB TURN	156
312 $\frac{1}{2}$ GB	PUSH PLATE	94	316SR	PUSH PLATE	92
312 $\frac{1}{2}$ WB	PUSH PLATE	93	316ST	THUMB TURN	156
313AA	PUSH PLATE	118	316WB	PUSH PLATE	93
314AM	PUSH PLATE	95	316 $\frac{1}{2}$ GB	PUSH PLATE	94
314GB	PUSH PLATE	94	316 $\frac{1}{2}$ WB	PUSH PLATE	93
314RC	PUSH PLATE	92	317AA	THUMB TURN	156
314SR	PUSH PLATE	92	318AA	PUSH PLATE	118
314 $\frac{1}{2}$ GB	PUSH PLATE	94	350AF	LEVER	152
315AM	PUSH PLATE	95	375AL	LEVER	152
315GB	PUSH PLATE	94	390PO	KNOB	147
315ML	PUSH PLATE	96	400AB	LEVER	149
315MN	PUSH PLATE	97	400AD	LEVER	152
315PB	PUSH PLATE	97	400AG	LEVER	150
315PM	PUSH PLATE	97	400AH	LEVER	153
315PR	PUSH PLATE	96	400AN	LEVER	151
315RC	PUSH PLATE	92	400CN	LEVER	149
315SR	PUSH PLATE	92	400FT	LEVER	150
315WB	PUSH PLATE	93	400HH	LEVER	151
315WR	PUSH PLATE	98	400HP	LEVER	153
315 $\frac{1}{2}$ GB	PUSH PLATE	94	400MB	LEVER	151
315 $\frac{1}{2}$ RC	PUSH PLATE	92	400MC	LEVER	151
315 $\frac{1}{2}$ SR	PUSH PLATE	92	400ME	LEVER	151
315 $\frac{1}{2}$ WB	PUSH PLATE	93	400MP	LEVER	151
316AA	THUMB TURN	156	400PR	LEVER	151
316AB	THUMB TURN	156	400RL	LEVER	149
316AH	THUMB TURN	156	400ST	LEVER	153
316AM	PUSH PLATE	95	400TA	LEVER	152
316DA	THUMB TURN	119	416SA	PUSH PLATE	118

STANDARD OF QUALITY

NUMERICAL INDEX

NO.	DESCRIPTION	PAGE	NO.	DESCRIPTION	PAGE
416RC	PUSH PLATE	92	622	DROP HANDLE	157
416SR	PUSH PLATE	92	625	PULL	84
416WB	PUSH PLATE	93	681	PUSH BAR	65
416 $\frac{1}{2}$ WB	PUSH PLATE	93	681 $\frac{1}{4}$	PUSH BAR	65
420DA	PUSH PLATE	119	686	PUSH BAR	66
420RA	PUSH PLATE	120	686 $\frac{1}{4}$	PUSH BAR	66
420WB	PUSH PLATE	93	700AA	PULL	85
420 $\frac{1}{2}$ WB	PUSH PLATE	93	700AJ	PULL	86
422SA	PUSH PLATE	118	700CM	PULL	77
425SU	LEVER	153	700EL	PULL	86
470	PUSH BAR	67	700MB	PULL	79
470 $\frac{1}{4}$	PUSH BAR	67	700ML	PULL	78
471	PUSH BAR	47	700MN	PULL	78
472	PUSH BAR	25	700NT	PULL	86
475	PUSH BAR	67	700PB	PULL	78
475 $\frac{1}{2}$	PUSH BAR	67	700PM	PULL	78
476	PUSH BAR	25	700PR	PULL	78
477	PUSH BAR	28	700RU	PULL	86
479	PUSH BAR	25	700SN	PULL	91
488	FLUSH PULL	159	700SP	PULL	91
489	FLUSH PULL	159	700WS	PULL	86
490	FLUSH PULL	159	700WB	PULL	77
491	FLUSH PULL	159	702SN	PULL	91
492	FLUSH PULL	159	702SP	PULL	91
493	FLUSH PULL	159	710MB	PULL	79
494	FLUSH PULL	159	710MN	PULL	79
500	PUSH BAR	26	710PR	PULL	79
500AG	LEVER	150	712	PULL	84
500FT	LEVER	150	712MD	PULL	80
500MR	LEVER	153	712PR	PULL	79
500PB	LEVER	153	713	PULL	84
500TA	LEVER	152	713MD	PULL	80
501	PUSH BAR	27	714MD	PULL	80
504	PUSH BAR	26	714PR	PULL	79
505	PUSH BAR	27	715MD	PULL	80
515	PUSH BAR	57	720MD	PULL	73
610	DROP HANDLE	157	721	PULL	83
611	DROP HANDLE	157	722	PULL	83
616JH	PUSH PLATE	98	722MD	PULL	73
620	DROP HANDLE	157	723	PULL	83
620	PULL	84	723MD	PULL	74
621	DROP HANDLE	157	723MH	PULL	74

NUMERICAL INDEX

NO.	DESCRIPTION	PAGE	NO.	DESCRIPTION	PAGE
724	PULL	83	900FC	ROSE	135
725	PULL	83	900HH	ROSE	133
726	PULL	83	900HL	ROSE	134
730	PULL	91	900HP	ROSE	135
735	PULL	77	900JH	ROSE	132
735 ¹ / ₂	PULL	77	900JK	ROSE	132
737	PULL	85	900MA	ROSE	133
738	PULL	85	900MC	ROSE	132
739	PULL	85	900MP	ROSE	132
741	PULL	77	900NL	ROSE	133
741 ¹ / ₂	PULL	77	900PC	ROSE	131
750	PULL	84	900PM	ROSE	135
800AA	HANDLE	105	900PN	ROSE	135
800AJ	HANDLE	106	900PO	ROSE	134
800CM	HANDLE	103	900PR	ROSE	134
800EL	HANDLE	103	900PT	ROSE	135
800HD	HANDLE	105	900RA	ROSE	135
800HM	HANDLE	106	900SA	ROSE	135
800HR	HANDLE	105	900SE	ROSE	135
800HS	HANDLE	106	900SP	ROSE	135
800NT	HANDLE	106	900ST	ROSE	135
800PU	HANDLE	106	901	L. B. PLATE	160
800RU	HANDLE	103	901AB	ROSE	136
800SP	HANDLE	104	901BC	ROSE	136
800WB	HANDLE	103	901AH	ROSE	136
800WS	HANDLE	103	901DS	ROSE	136
801SP	HANDLE	103	901FB	ROSE	136
806ML	HANDLE	104	901HP	ROSE	136
806MN	HANDLE	104	901PO	ROSE	136
806PR	HANDLE	104	901ST	ROSE	136
816JH	HANDLE	98	902CE	ROSE	131
900	L. B. PLATE	160	902CS	ROSE	132
900AA	ROSE	135	902HL	ROSE	134
900AB	ROSE	134	902JH	ROSE	132
900AH	ROSE	134	902MA	ROSE	133
900BC	ROSE	134	902PC	ROSE	131
900CE	ROSE	131	902PR	ROSE	134
900CS	ROSE	132	902SA	ROSE	135
900SA	ROSE	135	902SE	ROSE	135
900DS	ROSE	134	903PR	ROSE	136
900FB	ROSE	134	904AA	ROSE	135

STANDARD OF QUALITY

NUMERICAL INDEX

NO.	DESCRIPTION	PAGE	NO.	DESCRIPTION	PAGE
904CE	ROSE	131	1152MT	PUSH BAR	33
904CS	ROSE	133	1152 $\frac{1}{4}$ ML	PUSH BAR	3
904FD	ROSE	135	1152 $\frac{1}{4}$ MN	PUSH BAR	7
904GE	ROSE	133	1152 $\frac{1}{4}$ MR	PUSH BAR	3
904HL	ROSE	134	1152 $\frac{1}{4}$ MS	PUSH BAR	14
904JF	ROSE	132	1153ML	PUSH BAR	2
904MA	ROSE	133	1153MN	PUSH BAR	6
904PC	ROSE	131	1153MR	PUSH BAR	2
904PR	ROSE	134	1153MS	PUSH BAR	15
905FT	ROSE	136	1153 $\frac{1}{4}$ ML	PUSH BAR	4
905FB	ROSE	136	1153 $\frac{1}{4}$ MN	PUSH BAR	8
905FD	ROSE	136	1153 $\frac{1}{4}$ MR	PUSH BAR	4
906CE	ROSE	131	1153 $\frac{1}{4}$ MS	PUSH BAR	16
906JH	ROSE	132	1173MS	PUSH BAR	17
906MA	ROSE	133	1185	PUSH BAR	49
906PR	ROSE	134	1185 $\frac{1}{4}$	PUSH BAR	50
908CE	ROSE	131	1186	PUSH BAR	53
914CE	ROSE	131	1186 $\frac{1}{4}$	PUSH BAR	54
1060	NAME PLATE	117	1199	PUSH BAR	55
1061	NAME PLATE	117	1199 $\frac{1}{4}$	PUSH BAR	56
1062	NAME PLATE	117	1312AM	PULL	95
1063	NAME PLATE	117	1312GB	PULL	94
1064	NAME PLATE	117	1312MN	PULL	96
1065	NAME PLATE	117	1312RC	PULL	92
1066	NAME PLATE	117	1312SR	PULL	92
1067	NAME PLATE	117	1312WB	PULL	93
1068	NAME PLATE	117	1312 $\frac{1}{2}$ GB	PULL	94
1069	NAME PLATE	117	1312 $\frac{1}{2}$ WB	PULL	93
1070	NAME PLATE	117	1313AA	PULL	118
1071	NAME PLATE	117	1314AM	PULL	95
1100	HINGE PLATE	174	1314GB	PULL	94
1100	L. B. PLATE	160	1314RC	PULL	92
1101	HINGE PLATE	174	1314SR	PULL	92
1101	L. B. PLATE	160	1315AM	PULL	94
1102	HINGE PLATE	174	1314 $\frac{1}{2}$ GB	PULL	95
1107	HINGE PLATE	174	1315GB	PULL	94
1108	HINGE PLATE	174	1315ML	PULL	96
1109	HINGE PLATE	174	1315MN	PULL	97
1152ML	PUSH BAR	1	1315PB	PULL	97
1152MN	PUSH BAR	5	1315PM	PULL	97
1152MR	PUSH BAR	1	1315PR	PULL	96
1152MS	PUSH BAR	13			

NUMERICAL INDEX

NO.	DESCRIPTION	PAGE	NO.	DESCRIPTION	PAGE
1315RC	PULL	92	2420DA	HANDLE	119
1315SR	PULL	92	2420RA	HANDLE	120
1315WB	PULL	93	2422SA	HANDLE	118
1315 $\frac{1}{2}$ GB	PULL	94	3185	PUSH BAR	51
1315 $\frac{1}{2}$ RC	PULL	92	3185 $\frac{1}{4}$	PUSH BAR	52
1315 $\frac{1}{2}$ SR	PULL	92	3315ML	PUSH BAR	95
1315 $\frac{1}{2}$ WB	PULL	93	4030	PULL	81
1316AM	PULL	95	4030 $\frac{1}{2}$	PULL	81
1316CE	THUMB TURN	156	4034 $\frac{1}{2}$	PULL	81
1316GB	PULL	94	4312RC	PULL	92
1316PR	THUMB TURN	156	4312SR	PULL	92
1316RC	PULL	92	4314RC	PULL	92
1316SR	PULL	92	4314SR	PULL	92
1316WB	PULL	93	4315RC	PULL	92
1316 $\frac{1}{2}$ GB	PULL	94	4315SR	PULL	92
1316 $\frac{1}{2}$ WB	PULL	93	4315 $\frac{1}{2}$ RC	PULL	92
1318AA	PULL	118	4315 $\frac{1}{2}$ SR	PULL	92
1416RC	PULL	92	4316RC	PULL	92
1416SA	PULL	118	4316SR	PULL	92
1416SR	PULL	92	4416RC	PULL	92
1416WB	PULL	93	4416SR	PULL	92
1416 $\frac{1}{2}$ WB	PULL	93	4420RC	PULL	92
1420DA	PULL	119	4420SR	PULL	92
1420RA	PULL	120	5050KA	KEY PLATE	155
1420RC	PULL	92	5100KA	CYLINDER ROSE	105
1420SR	PULL	92	5200KA	KNOB	146
1420WB	PULL	93	5316KA	THUMB TURN	156
1420 $\frac{1}{2}$ WB	PULL	93	5700KA	PULL	85
1422SA	PULL	118	5800KA	HANDLE	105
1475	PUSH BAR	67	5900KA	ROSE	135
1475 $\frac{1}{4}$	PUSH BAR	67	5901KA	ROSE	136
1500	L. B. PLATE	160	7109 $\frac{1}{4}$	PUSH BAR	19
1501	L. B. PLATE	160	7110 $\frac{1}{4}$	PUSH BAR	20
1504	PUSH BAR	26	7111	PULL	71
1505	PUSH BAR	27	7510	PULL	71
1507	PUSH BAR	28	7512	PUSH BAR	34
1508	PUSH BAR	28	7516	PUSH BAR	35
1515	PUSH BAR	57	7518	PUSH BAR	35
1518	PUSH BAR	58	7523	PUSH BAR	36
1904CE	ROSE	131	7524	PUSH BAR	36
1904PC	ROSE	131	7525	PUSH BAR	36
2182	PUSH BAR	51	7526	PUSH BAR	37
2182 $\frac{1}{4}$	PUSH BAR	52	7529	PUSH BAR	38
2185	PUSH BAR	51	7530	PUSH BAR	39
2185 $\frac{1}{4}$	PUSH BAR	52	7530 $\frac{1}{4}$	PUSH BAR	40
2318AA	HANDLE	118			

STANDARD OF QUALITY

REGULAR FINISHES

BRASS METAL		US	DESCRIPTION
DETROIT			
Y	3		Polished
YNL	3A		Polished, No Lacquer
YB	4		Dull
YC	5		Oxidized - Ornamental Surfaces Only
YD	-		Old English Brass
BRONZE METAL			
R	9		Polished
RNL	9A		Polished, No Lacquer
RB	10		Dull
RD	10B		Slightly Oxidized - Oil Rubbed
RE	11		Oxidized - Ornamental Surfaces Only
PA	20		Medium Statuary
PB	20A		Dark Statuary
NICKEL FINISHES			
N	14		Polished
NB	15		Dull
NS	17A		Plated Imitation Half Polished Iron
SILVER			
S	-		Polished
SB	-		Dull
BLACK			
BB	19		Parker Rust Proof on Iron and Steel
BC	-		Sanded Black Nickel Plate
WHITE BRONZE			
NM	25		Polished
NMB	25D		Dull
VERDE ANTIQUE			
VB	22		Genuine Verde Antique
CHROMIUM			
CH	26		Polished
CHB	26D		Dull
ALUMINUM			
A	-		Polished
AL	-		Satin Dull Alumilite
ALB	-		Black Alumilite - Cobalt Acetate
ALP	-		Polished Alumilite



STANDARD OF QUALITY

REGULAR FINISHES**STAINLESS STEEL**

DETROIT	US	DESCRIPTION
SP	-	Polished
SS	-	Satin Dull

HAND TOOLED FINISHES**CAST WHITE BRONZE METAL**

A3B - Edges hand beveled - Coarse sanded surface - Slashed -
Black Nickel Plated - Baked clear plastic coating
Imitation Half Polished Iron

D3B - Edges hand beveled - Coarse sanded surface - Slashed -
Black Nickel Plated - Black lacquered

G1S - Cast in hammer marks - Black Nickel Plated - Highlights
Relieved - Where listed only

CAST BRONZE METAL

E3B - Edges hand beveled - Coarse sanded surface - Slashed -
Oxidized, relieved - Baked clear plastic coating

E1B - Cast in hammer marks - Oxidized - Baked clear plastic
coating - Where listed only

BAKED CLEAR PLASTIC COATING

All of our lacquered hardware is now furnished with
a clear plastic coating, baked on.

This coating resists most acids and withstands all
normal abrasion, as well as high temperatures.

STANDARD OF QUALITY

COMPARISON OF FINISHES

US	DETROIT	CORBIN	SARGENT	R & E	YALE	STANLEY
3	Y	A	B	10	AZ10	C
4	YB	EA	OB	9	AZ22	F
9	R	B	P	11	BZ10	A
10	RB	DB	OP	11D	BY22	A5
10B	RD	-	O3P	-	BY23	-
11	RE	HB	O6P	11C	BY21	A4
14	N	E	N	4	NZ10	N
15	NB	DE	LN	14	NY10	N5
19	BB	KF	BN	47	FX80-90	N
20	PA	KB	A	2	BY25	B
20A	PB	LB	A3B	2D	BY65	B1
25	NM	NK	EM	44	NZ40	NM
25D	NMB	DNK	DEM	44D	NY40	NMD
26	CH	CR	CM	24	DZ10	CM
26D	CHB	DCR	DCM	34	DY10	CMD

STANDARD OF QUALITY

COMPARISON U.S. GOVERNMENT NUMBERS

FEDERAL SPECIFICATIONS FF-H-111A AND FF-H-106A

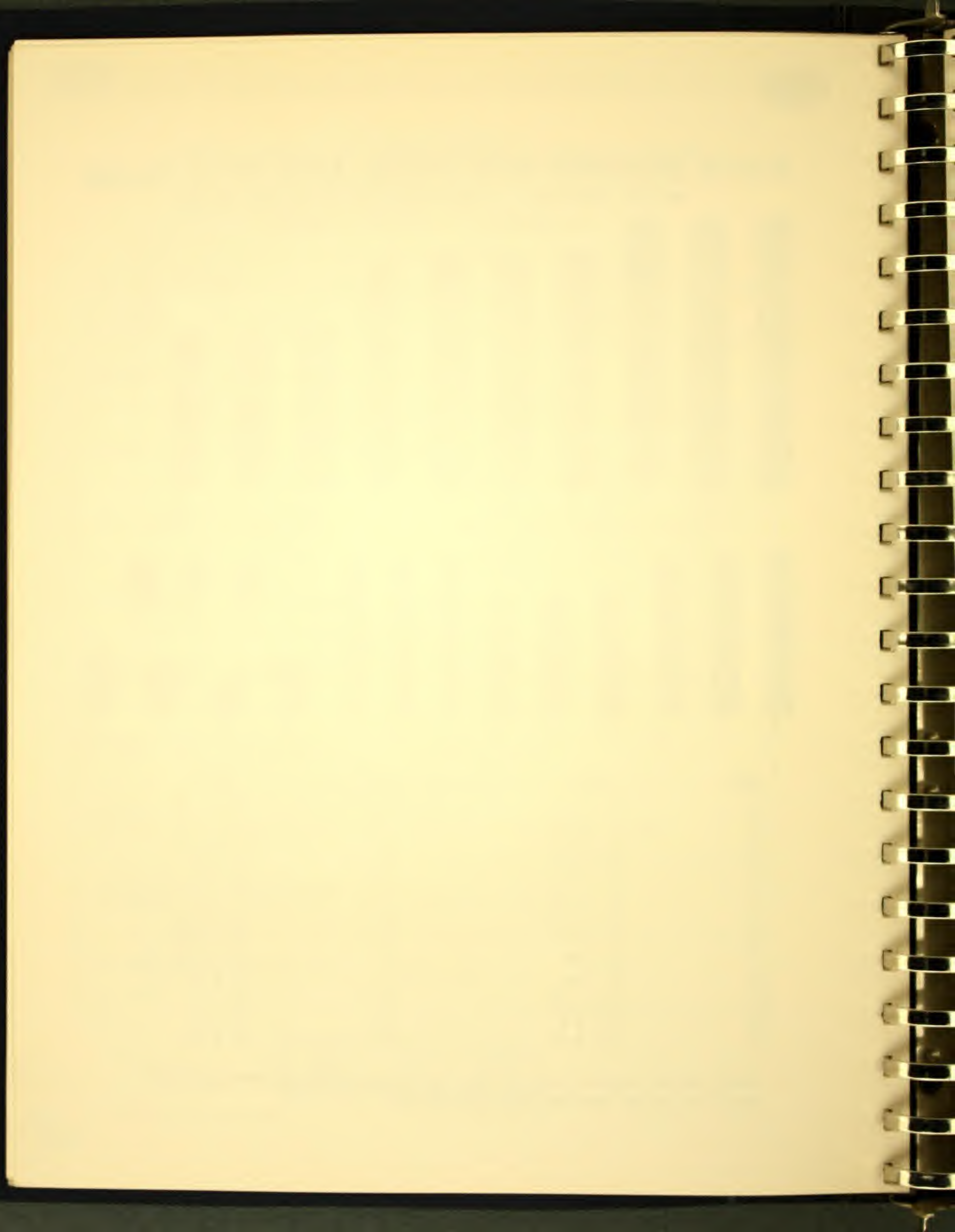
US	DETROIT	DESCRIPTION	PAGE
420	800 x 100WB	ENTRANCE DOOR HANDLE	103
421	800 x 100CM	ENTRANCE DOOR HANDLE	103
436	735	DOOR PULL	77
436A	735 $\frac{1}{2}$	DOOR PULL	77
439	700CM	DOOR PULL	77
450	1316GB	DOOR PULL	94
451	4312SR	DOOR PULL	92
452	13	DOOR PULL	112
452	735	DOOR PULL	77
452	735 $\frac{1}{2}$	DOOR PULL	77
458	737	DOOR PULL	85
458A	739	DOOR PULL	85
459	1739	FLUSH PULL	85A
460	316GB	PUSH PLATE	94
460	314GB	PUSH PLATE	94
461A	314GB	PUSH PLATE	94
462	312SR	PUSH PLATE	92
465	314GB	PUSH PLATE	94
465R	316GB	PUSH PLATE	94
470	470	PUSH BAR	67
471	471	PUSH BAR	47
472	472	PUSH BAR	25
478	1475	PUSH BAR	67
479	479	PUSH BAR	25
479E	472 x 477	PUSH BAR	25-28
492	2	PUSH BAR	70
493	3	PUSH BAR	70
1009	470	PUSH BAR	67
1009B	1475	PUSH BAR	67
A1009	2	PUSH BAR	70
A1009A	3	PUSH BAR	70
A1009B	4	PUSH BAR	70
1009F	471	PUSH BAR	47
1320	13 $\frac{1}{2}$	DOOR STOP	170
1320E	12 $\frac{1}{2}$	DOOR STOP	170
1321	12 $\frac{1}{2}$	DOOR STOP	170
1321E	12	DOOR STOP	170
1328	11 $\frac{1}{2}$	DOOR STOP	170
1328E	10 $\frac{1}{2}$	DOOR STOP	170
1329	11	DOOR STOP	170
1329E	10	DOOR STOP	170



STANDARD OF QUALITY

COMPARISON U.S. GOVERNMENT NUMBERS

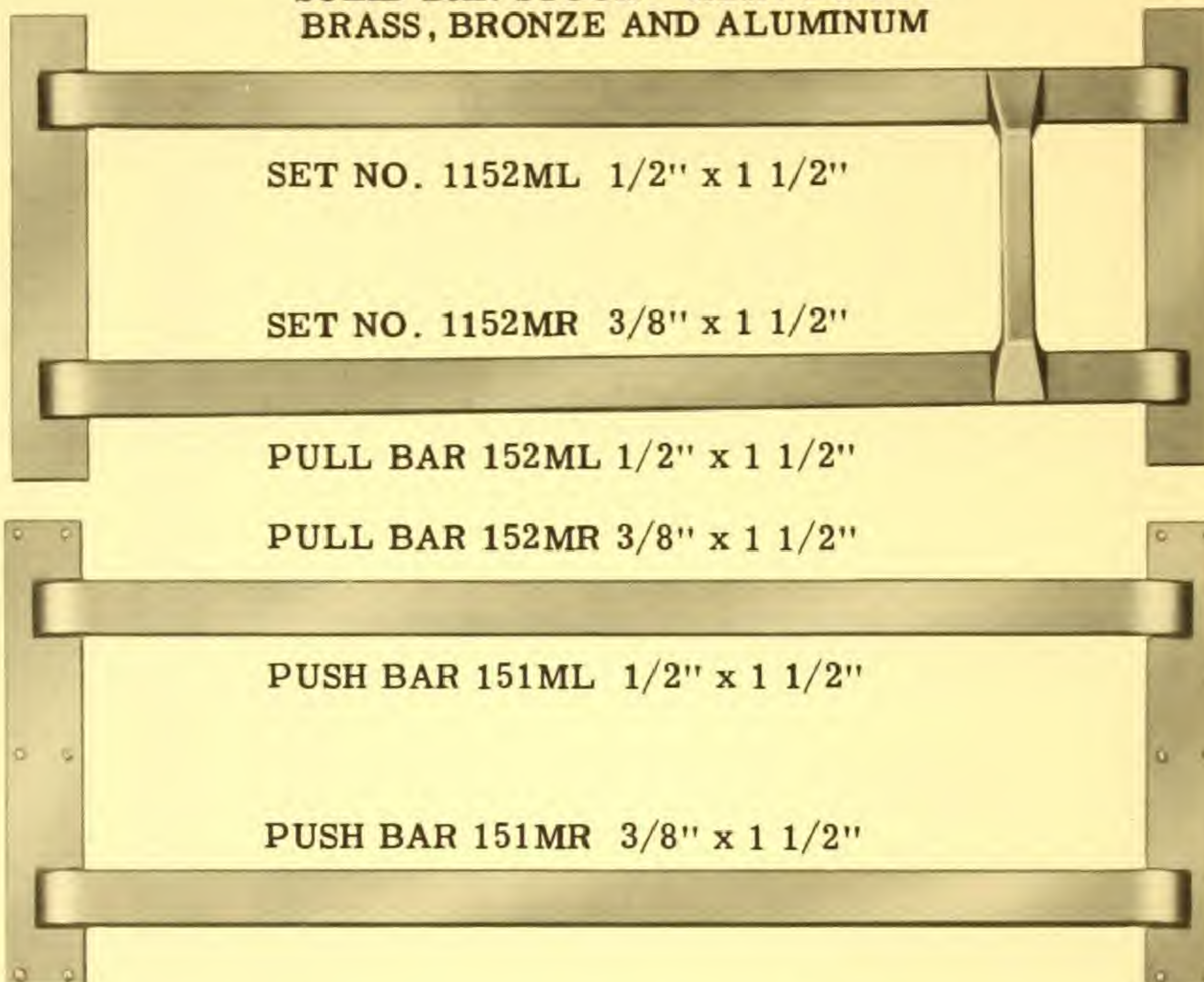
US	DETROIT	DESCRIPTION	PAGE
1332	$13\frac{1}{2}$	DOOR STOP	170
1334	$13\frac{1}{2}$	DOOR STOP	170
1334	$12\frac{1}{2}$	DOOR STOP	170
1336	13	DOOR STOP	170
1336	12	DOOR STOP	170
1340	$11\frac{1}{2}$	DOOR STOP	170
1340	$10\frac{1}{2}$	DOOR STOP	170
1341	11	DOOR STOP	170
1341	10	DOOR STOP	170



STANDARD OF QUALITY

PUSH BARS

SOLID BAR STOCK - HEAVY DUTY
BRASS, BRONZE AND ALUMINUM



SET NO. 1152ML 1/2" x 1 1/2"

SET NO. 1152MR 3/8" x 1 1/2"

PULL BAR 152ML 1/2" x 1 1/2"

PULL BAR 152MR 3/8" x 1 1/2"

PUSH BAR 151ML 1/2" x 1 1/2"

PUSH BAR 151MR 3/8" x 1 1/2"

NO.	BASES	PROJ.	CLEAR.	OVER GRIP	SPACING	BACKSET OF GRIP
151ML	2" x 13"	1 5/8"	1 1/8"	2 1/2"	8"	-
152ML	2" x 13"	1 5/8"	1 1/8"	2 1/2"	8"	4 1/2"
151MR	2" x 13"	1 1/2"	1 1/8"	2 3/8"	8"	-
152MR	2" x 13"	1 1/2"	1 1/8"	2 3/8"	8"	4 1/2"

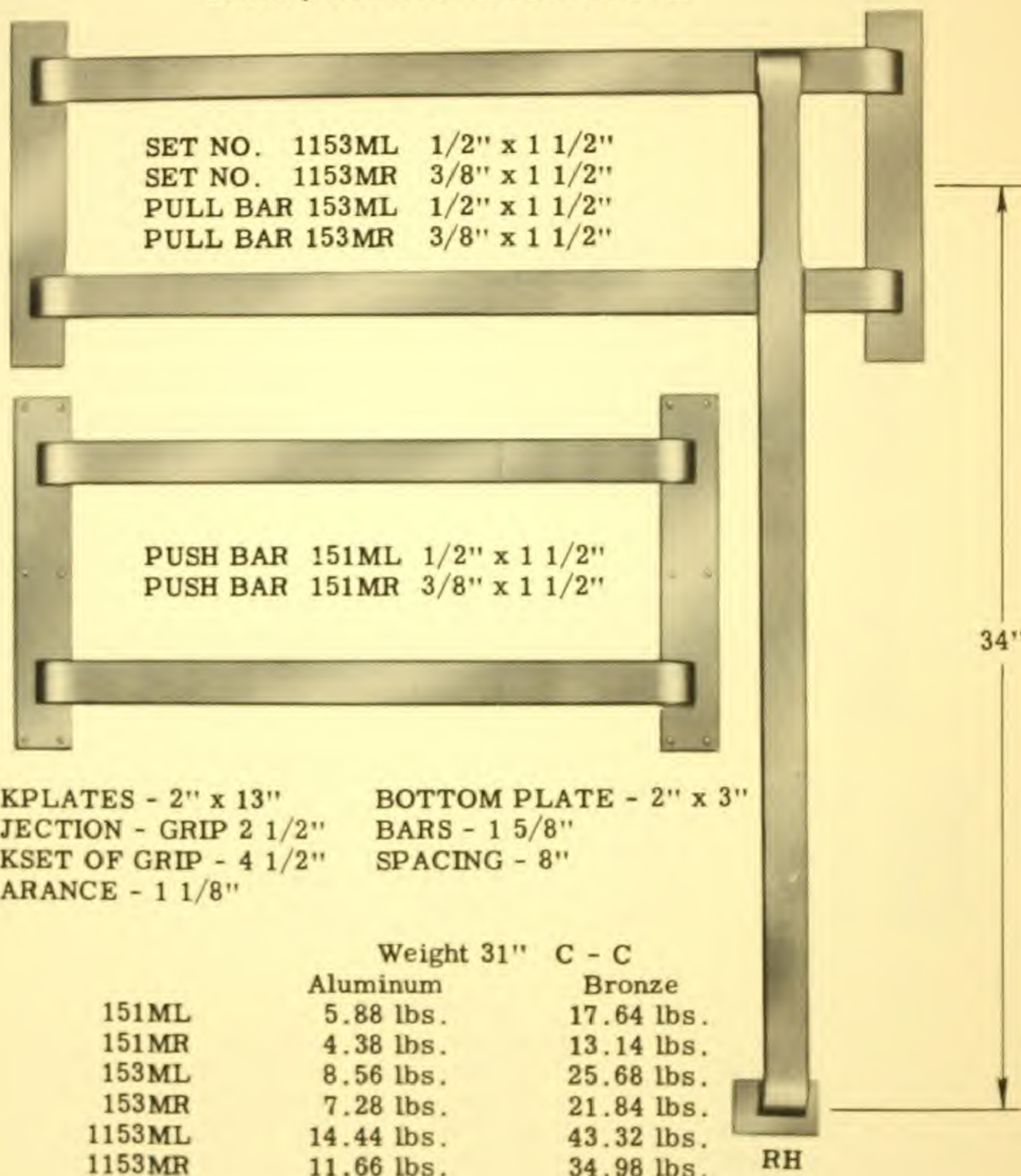
Weight 31" C - C

	Aluminum	Bronze
151ML	5.88 lbs.	17.64 lbs.
152ML	6.63 lbs.	19.89 lbs.
1152ML	12.51 lbs.	37.53 lbs.
151MR	4.38 lbs.	13.14 lbs.
152MR	4.89 lbs.	14.67 lbs.
1152MR	9.27 lbs.	27.81 lbs.

FURNISHED WITH THROUGH BOLTS OR SURFACE SCREWS AS ORDERED.
WHEN USED BACK TO BACK, SEX BOLTS WILL BE FURNISHED.

SPECIFY CENTER TO CENTER MEASUREMENT, THICKNESS OF DOORS
AND FINISH.

STANDARD OF QUALITY

PUSH AND PULL BARSHEAVY DUTY
BRASS, BRONZE AND ALUMINUM

BACKPLATES - 2" x 13"

PROJECTION - GRIP 2 1/2"

BACKSET OF GRIP - 4 1/2"

CLEARANCE - 1 1/8"

BOTTOM PLATE - 2" x 3"

BARS - 1 5/8"

SPACING - 8"

	Weight 31" C - C	
	Aluminum	Bronze
151ML	5.88 lbs.	17.64 lbs.
151MR	4.38 lbs.	13.14 lbs.
153ML	8.56 lbs.	25.68 lbs.
153MR	7.28 lbs.	21.84 lbs.
1153ML	14.44 lbs.	43.32 lbs.
1153MR	11.66 lbs.	34.98 lbs.

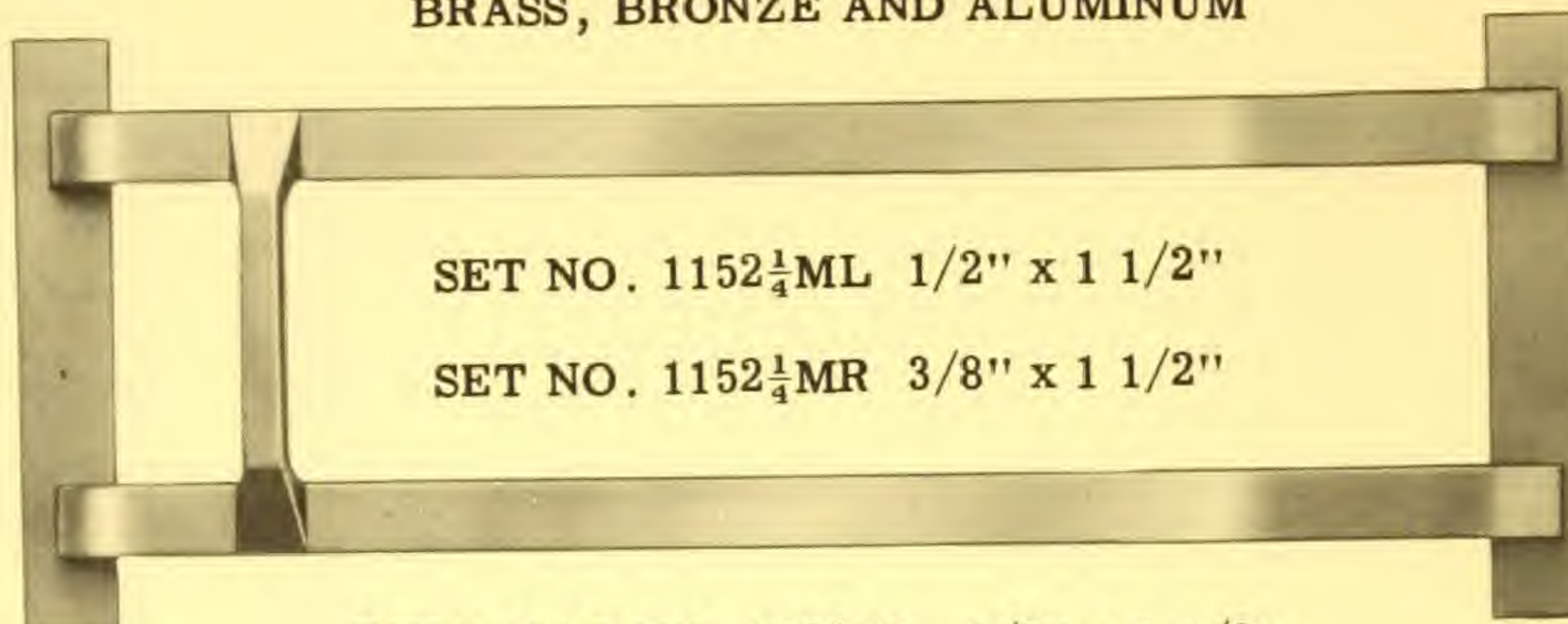
FURNISHED WITH THROUGH BOLTS, SURFACE SCREWS, AS ORDERED.
WHEN ORDERED BACK TO BACK, SEX BOLTS WILL BE FURNISHED.

SPECIFY CENTER TO CENTER MEASUREMENT, THICKNESS OF DOORS
AND FINISH.

STANDARD OF QUALITY

OFFSET PUSH AND PULL BARS

SOLID BAR STOCK - HEAVY DUTY
BRASS, BRONZE AND ALUMINUM

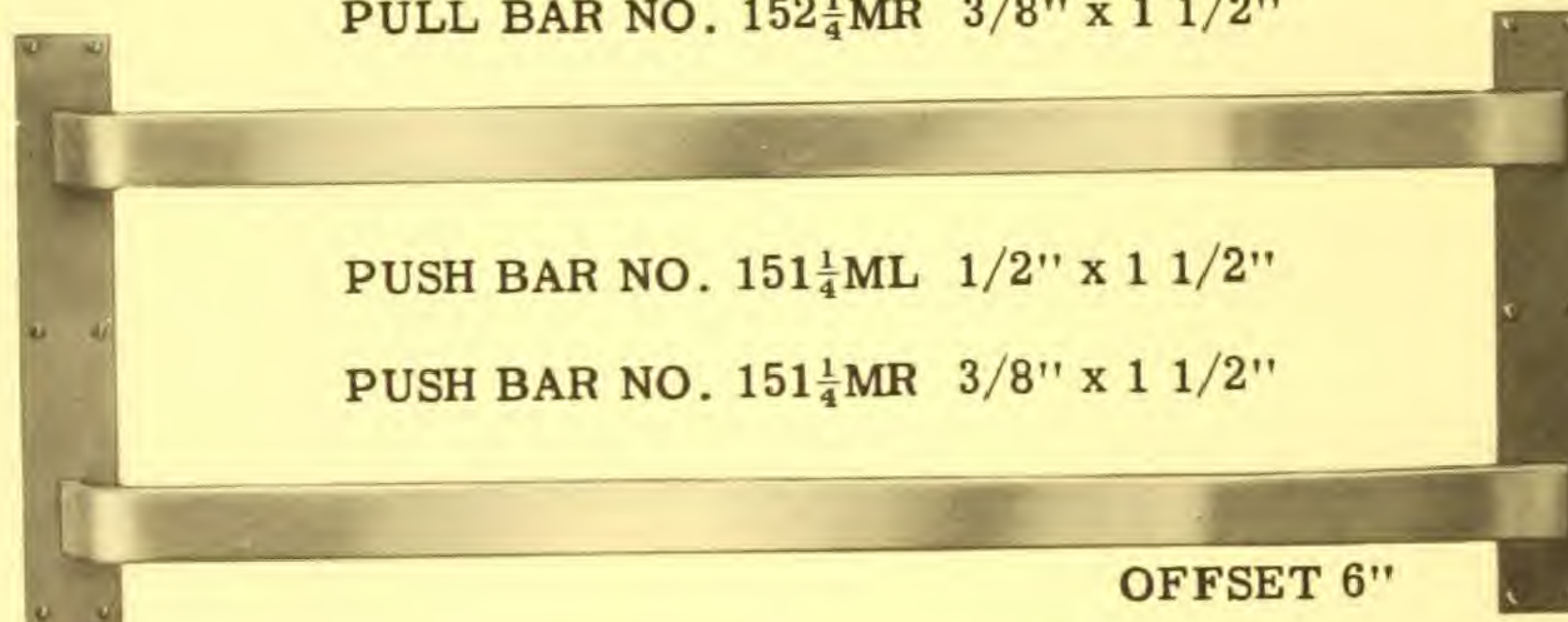


SET NO. 1152 $\frac{1}{4}$ ML $\frac{1}{2}$ " x 1 $\frac{1}{2}$ "

SET NO. 1152 $\frac{1}{4}$ MR $\frac{3}{8}$ " x 1 $\frac{1}{2}$ "

PULL BAR NO. 152 $\frac{1}{4}$ ML $\frac{1}{2}$ " x 1 $\frac{1}{2}$ "

PULL BAR NO. 152 $\frac{1}{4}$ MR $\frac{3}{8}$ " x 1 $\frac{1}{2}$ "



PUSH BAR NO. 151 $\frac{1}{4}$ ML $\frac{1}{2}$ " x 1 $\frac{1}{2}$ "

PUSH BAR NO. 151 $\frac{1}{4}$ MR $\frac{3}{8}$ " x 1 $\frac{1}{2}$ "

OFFSET 6"

NO.	BASES	PROJ.	CLEAR.	OVER GRIP	SPACING	BACKSET OF GRIP
151 $\frac{1}{4}$ ML	2" x 13"	1 $\frac{5}{8}$ "	1 $\frac{1}{8}$ "	2 $\frac{1}{2}$ "	8"	-
151 $\frac{1}{4}$ MR	2" x 13"	1 $\frac{1}{2}$ "	1 $\frac{1}{4}$ "	2 $\frac{3}{8}$ "	8"	-
152 $\frac{1}{4}$ ML	2" x 13"	1 $\frac{5}{8}$ "	1 $\frac{1}{8}$ "	2 $\frac{1}{2}$ "	8"	4 $\frac{1}{2}$ "
152 $\frac{1}{4}$ MR	2" x 13"	1 $\frac{1}{2}$ "	1 $\frac{1}{4}$ "	2 $\frac{3}{8}$ "	8"	4 $\frac{1}{2}$ "

Weight 31" C - C

	Aluminum	Bronze
151 $\frac{1}{4}$ ML	5.88 lbs.	17.64 lbs.
152 $\frac{1}{4}$ ML	6.63 lbs.	19.89 lbs.
1152 $\frac{1}{4}$ ML	12.51 lbs.	37.53 lbs.
151 $\frac{1}{4}$ MR	4.38 lbs.	13.14 lbs.
152 $\frac{1}{4}$ MR	4.89 lbs.	14.67 lbs.
1152 $\frac{1}{4}$ MR	9.27 lbs.	27.81 lbs.

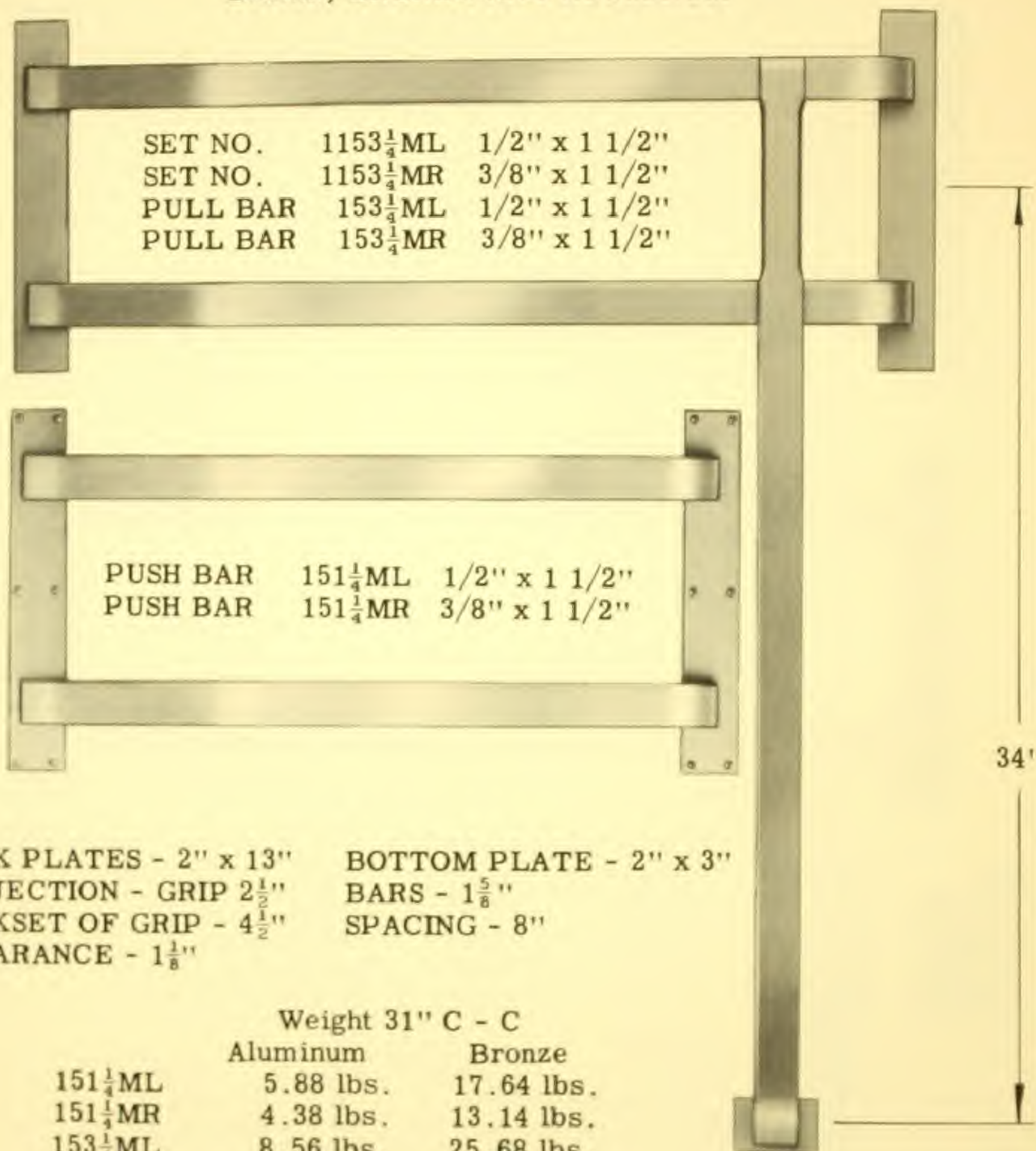
FURNISHED WITH THROUGH BOLTS OR SURFACE SCREWS AS ORDERED.
WHEN USED BACK TO BACK, SEX BOLTS WILL BE FURNISHED.

SPECIFY C - C MEASUREMENT, THICKNESS OF DOORS AND FINISH.

STANDARD OF QUALITY

OFFSET PUSH AND PULL BARS

SOLID BAR STOCK - HEAVY DUTY
BRASS, BRONZE AND ALUMINUM



SET NO. 1153 1/4 ML 1/2" x 1 1/2"
SET NO. 1153 1/4 MR 3/8" x 1 1/2"
PULL BAR 153 1/4 ML 1/2" x 1 1/2"
PULL BAR 153 1/4 MR 3/8" x 1 1/2"

PUSH BAR 151 1/4 ML 1/2" x 1 1/2"
PUSH BAR 151 1/4 MR 3/8" x 1 1/2"

BACK PLATES - 2" x 13" BOTTOM PLATE - 2" x 3"
PROJECTION - GRIP 2 1/2" BARS - 1 5/8"
BACKSET OF GRIP - 4 1/2" SPACING - 8"
CLEARANCE - 1 1/8"

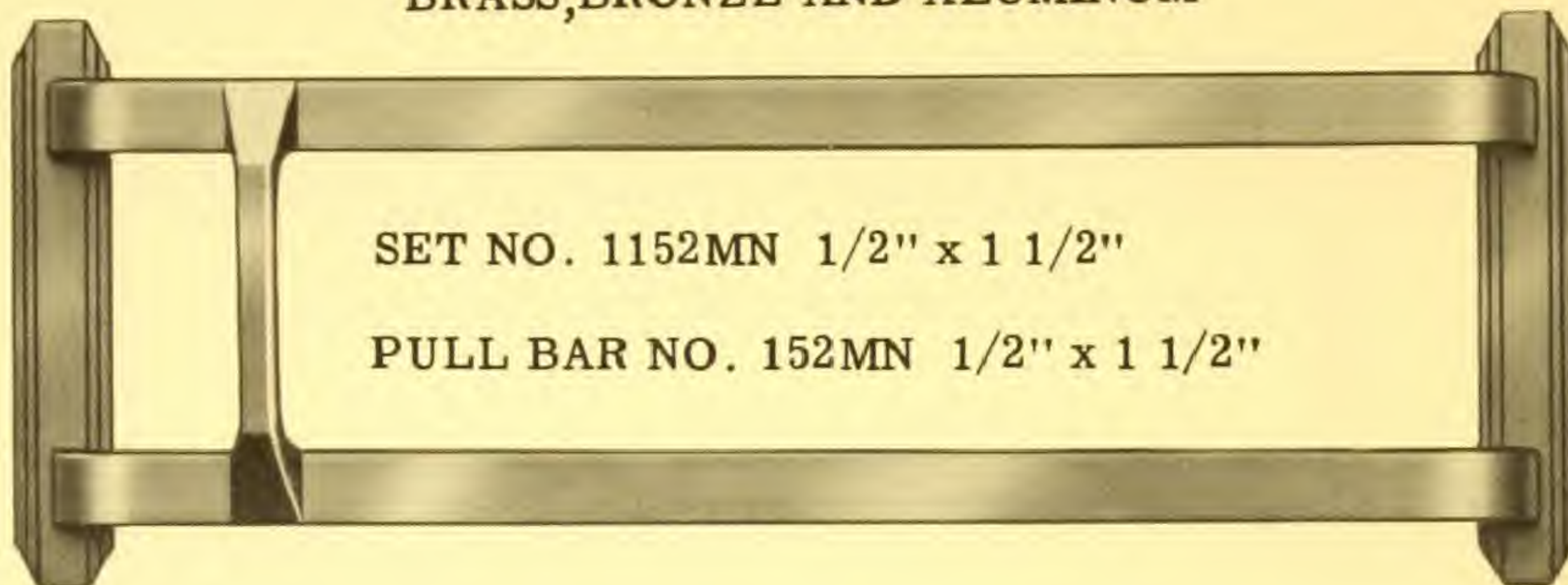
	Weight 31" C - C	
	Aluminum	Bronze
151 1/4 ML	5.88 lbs.	17.64 lbs.
151 1/4 MR	4.38 lbs.	13.14 lbs.
153 1/4 ML	8.56 lbs.	25.68 lbs.
153 1/4 MR	7.28 lbs.	21.84 lbs.
1153 1/4 ML	14.44 lbs.	43.32 lbs.
1153 1/4 MR	11.66 lbs.	34.98 lbs.

FURNISHED WITH THROUGH BOLTS, SURFACE SCREWS, AS ORDERED.
WHEN ORDERED BACK TO BACK, SEX BOLTS WILL BE FURNISHED.

SPECIFY CENTER TO CENTER MEASUREMENT, THICKNESS OF DOORS
AND FINISH.

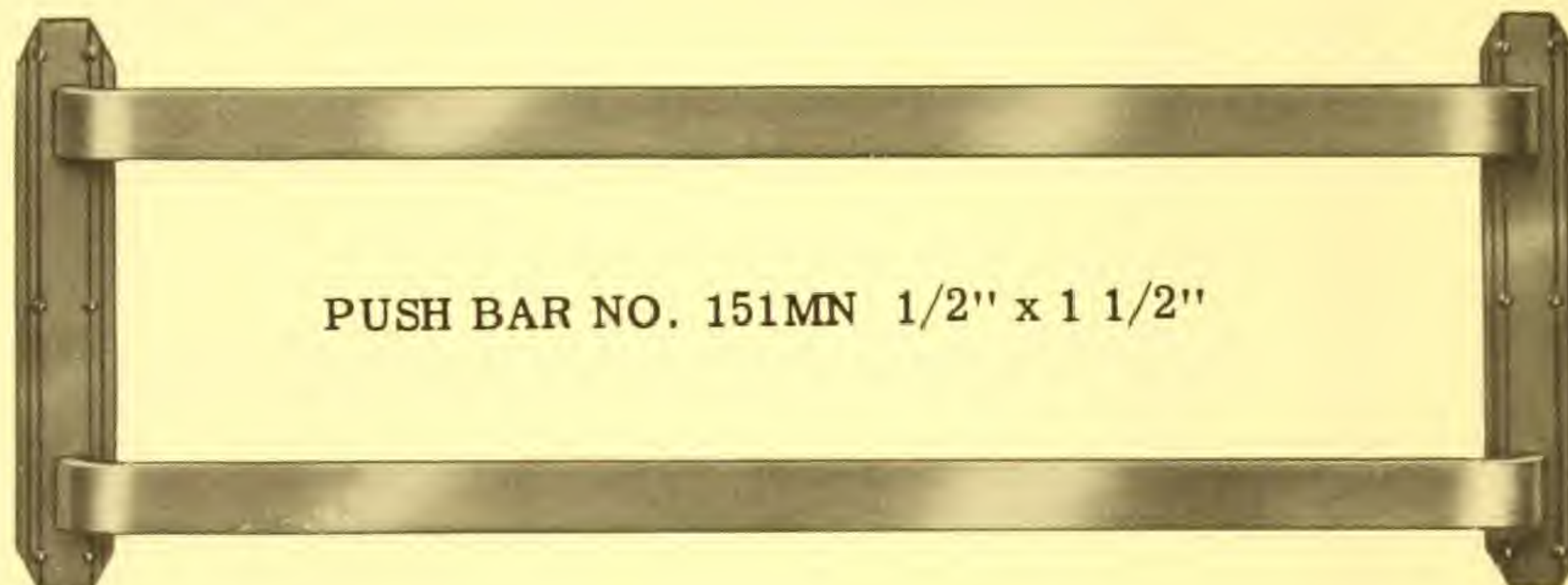
STANDARD OF QUALITY PUSH AND PULL BARS

SOLID BAR STOCK - HEAVY DUTY
BRASS, BRONZE AND ALUMINUM



SET NO. 1152MN 1/2" x 1 1/2"

PULL BAR NO. 152MN 1/2" x 1 1/2"



PUSH BAR NO. 151MN 1/2" x 1 1/2"

NO.	BASES	PROJ.	CLEAR.	OVER GRIP	SPACING	BACKSET OF GRIP
151MN	2" x 12 3/8"	1 5/8"	1 1/8"	2 1/2"	8"	-
152MN	2" x 12 3/8"	1 5/8"	1 1/8"	2 1/2"	8"	4 1/2"

	Weight 31" C - C	
	Aluminum	Bronze
151MN	5.88 lbs.	17.64 lbs.
152MN	6.63 lbs.	19.98 lbs.
1152MN	12.51 lbs.	37.53 lbs.

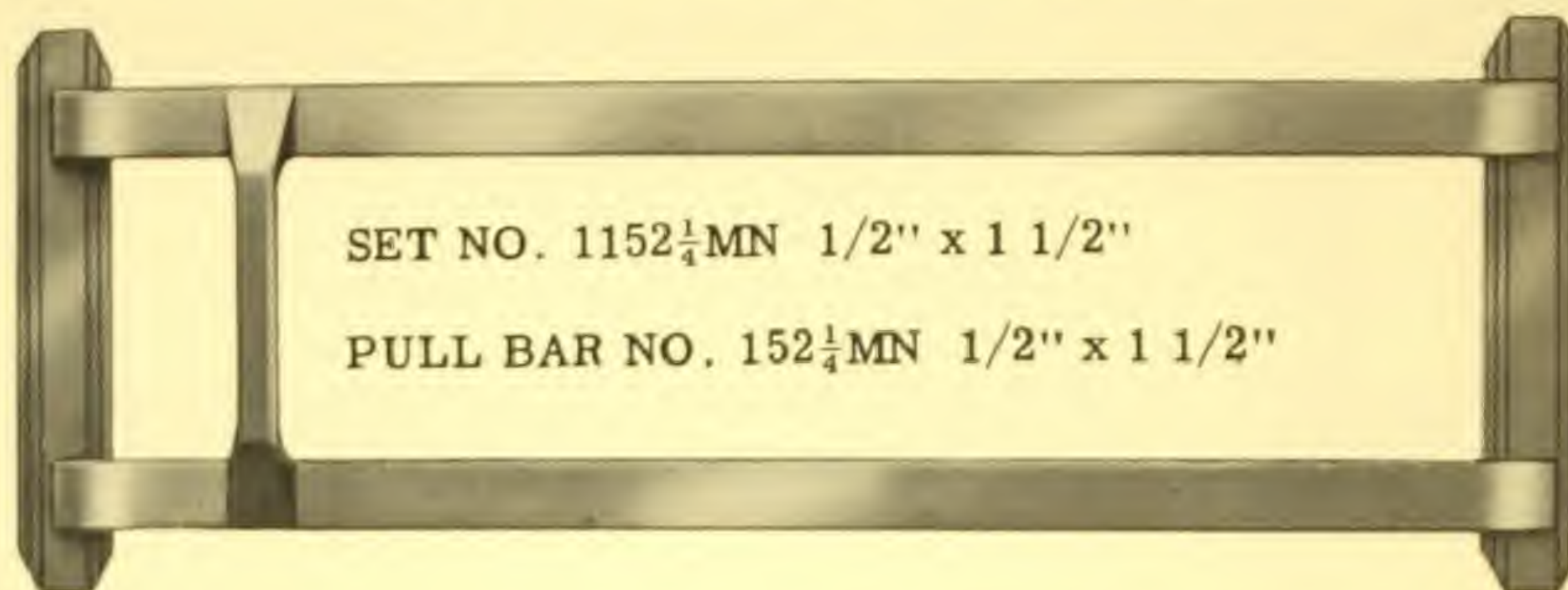
FURNISHED WITH THROUGH BOLTS OR SURFACE SCREWS AS ORDERED.
WHEN USED BACK TO BACK, SIX BOLTS WILL BE FURNISHED.

SPECIFY CENTER TO CENTER MEASUREMENT, THICKNESS OF DOORS
AND FINISH.

STANDARD OF QUALITY

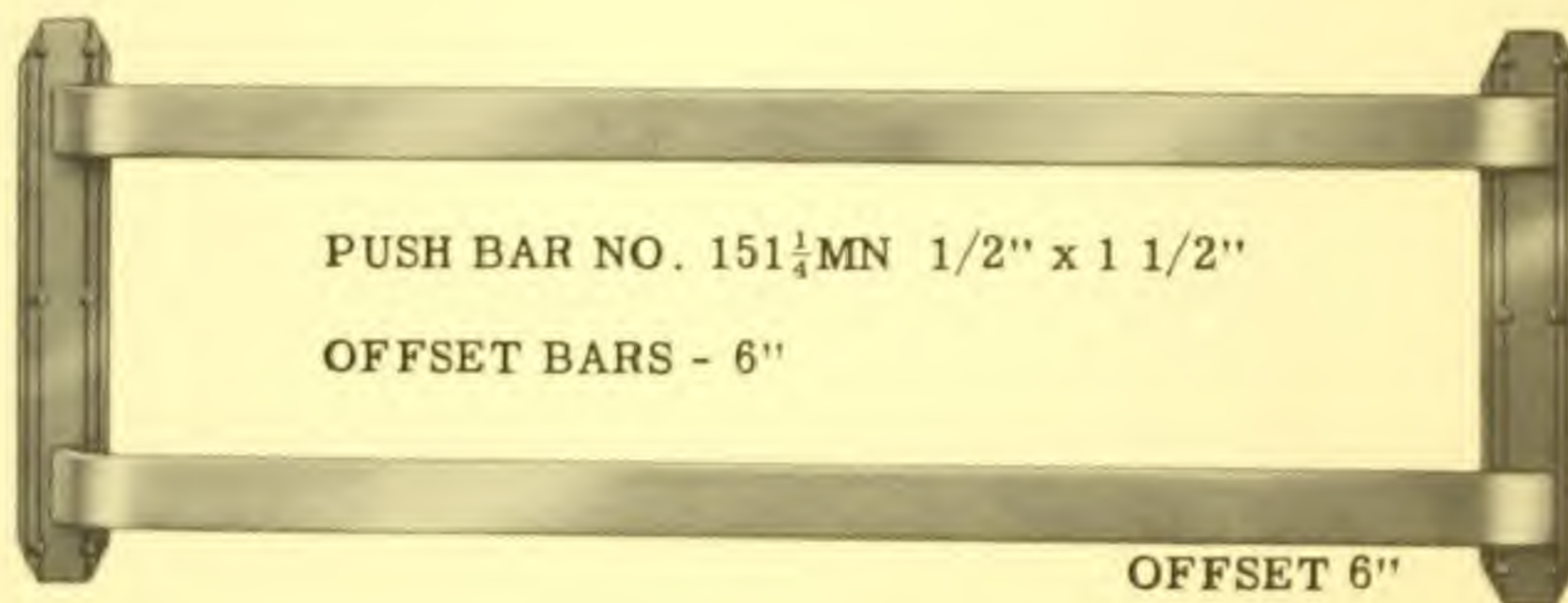
OFFSET PUSH AND PULL BARS

SOLID BAR STOCK - HEAVY DUTY
BRASS, BRONZE AND ALUMINUM



SET NO. 1152 $\frac{1}{4}$ MN 1/2" x 1 1/2"

PULL BAR NO. 152 $\frac{1}{4}$ MN 1/2" x 1 1/2"



PUSH BAR NO. 151 $\frac{1}{4}$ MN 1/2" x 1 1/2"

OFFSET BARS - 6"

OFFSET 6"

NO.	BACK PLATES	PROJ.	OVER GRIP	CLEAR.	SPACING
152 $\frac{1}{4}$ MN	2" x 12 $\frac{3}{8}$ "	1 $\frac{5}{8}$ "	2 $\frac{1}{2}$ "	1 $\frac{1}{8}$ "	8"
151 $\frac{1}{4}$ MN	2" x 12 $\frac{3}{8}$ "	1 $\frac{5}{8}$ "	2 $\frac{1}{2}$ "	1 $\frac{1}{8}$ "	8"

BACKSET OF GRIP - 4 $\frac{1}{2}$ "

WEIGHT

	Bronze	Aluminum
152 $\frac{1}{4}$ MN	17.64 lbs.	5.88 lbs.
151 $\frac{1}{4}$ MN	19.89 lbs.	6.63 lbs.
1152 $\frac{1}{4}$ MN	37.53 lbs.	12.51 lbs.

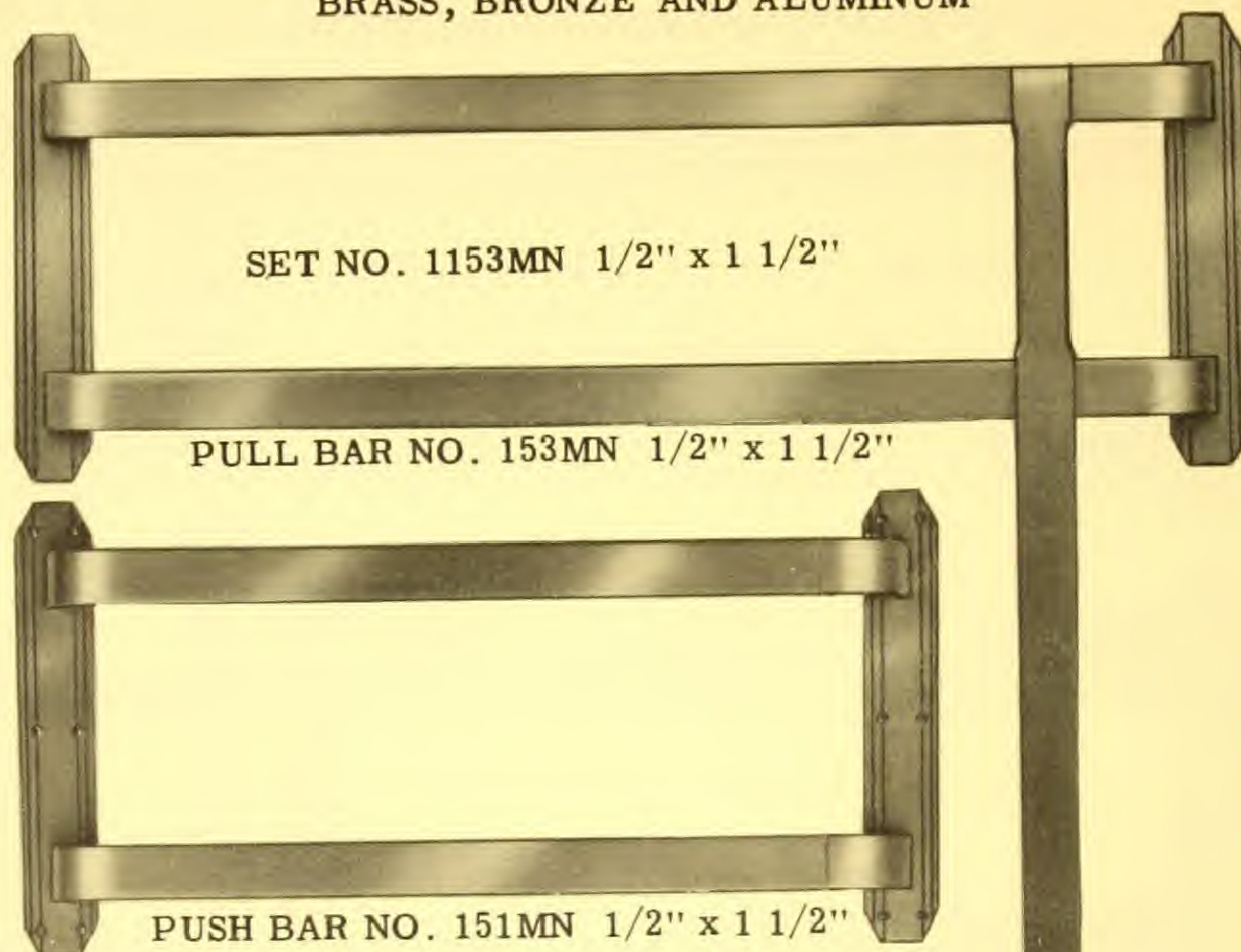
FURNISHED WITH THROUGH BOLTS OR SURFACE SCREWS AS ORDERED.
WHEN FURNISHED BACK TO BACK, SIX BOLTS WILL BE FURNISHED.

SPECIFY CENTER TO CENTER MEASUREMENT, THICKNESS OF DOORS
AND FINISH.

STANDARD OF QUALITY

PUSH AND PULL BARS

SOLID BAR STOCK - HEAVY DUTY
BRASS, BRONZE AND ALUMINUM



34"

BACK PLATES - 2" x 12³/₈" BOTTOM PLATE - 2" x 3³/₄"
PROJECTION - GRIP 2¹/₂" BARS - 1⁵/₈"
BACKSET OF GRIP - 4¹/₂" SPACING - 8"
CLEARANCE - 1¹/₈"

	Weight 31" C - C	
	Aluminum	Bronze
151MN	5.88 lbs.	17.64 lbs.
153MN	8.56 lbs.	25.68 lbs.
1153MN	14.44 lbs.	43.32 lbs.

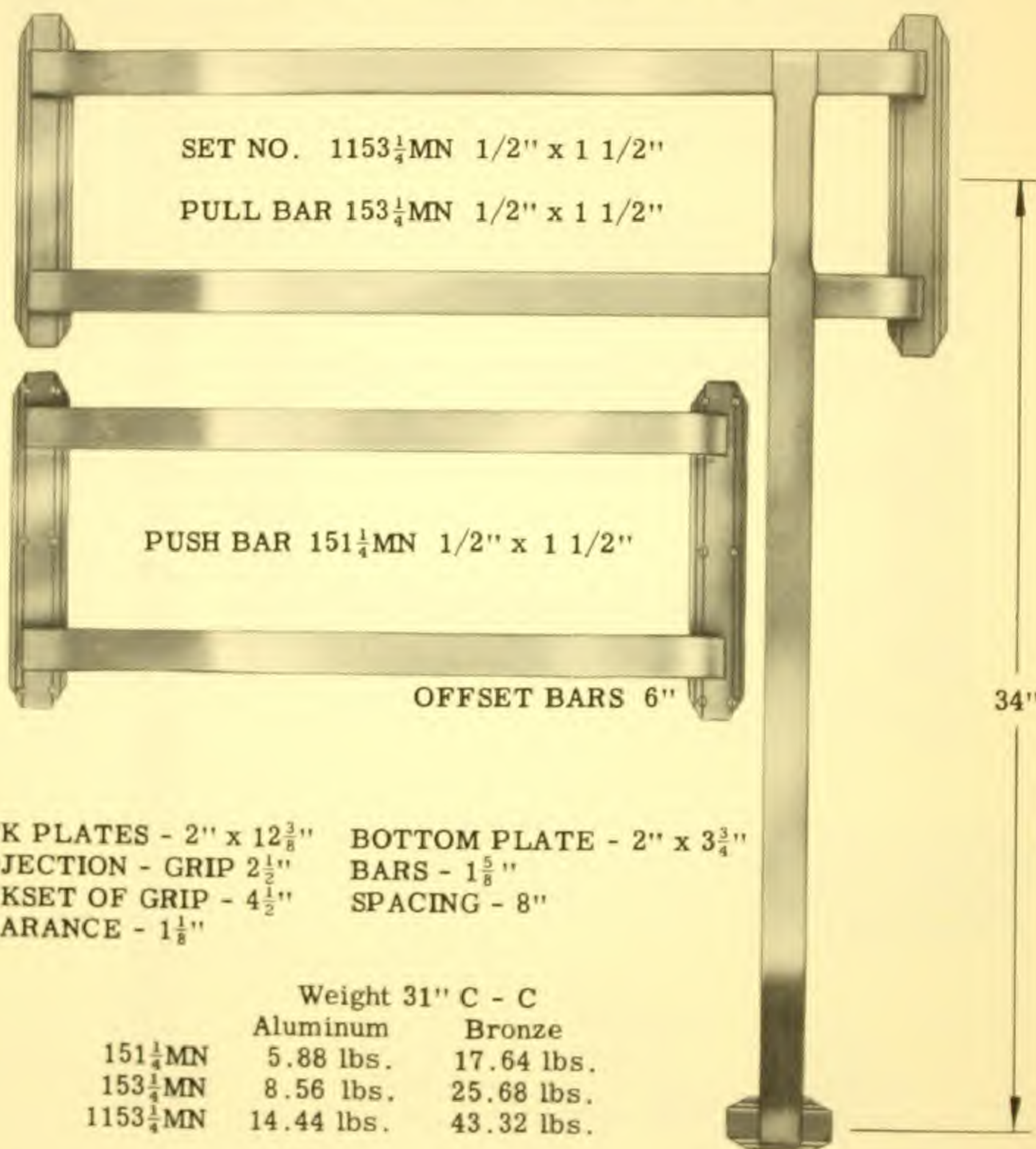
FURNISHED WITH THROUGH BOLTS, SURFACE SCREWS, AS ORDERED.
WHEN ORDERED BACK TO BACK, SEX BOLTS WILL BE FURNISHED.

SPECIFY CENTER TO CENTER MEASUREMENT, THICKNESS OF DOORS
AND FINISH.

STANDARD OF QUALITY

OFFSET PUSH AND PULL BARS

SOLID BAR STOCK - HEAVY DUTY
BRASS, BRONZE AND ALUMINUM



BACK PLATES - 2" x 12³/₈" BOTTOM PLATE - 2" x 3³/₄"
PROJECTION - GRIP 2¹/₂" BARS - 1⁵/₈"
BACKSET OF GRIP - 4¹/₂" SPACING - 8"
CLEARANCE - 1¹/₈"

	Weight 31" C - C	
	Aluminum	Bronze
151 ¹ / ₄ MN	5.88 lbs.	17.64 lbs.
153 ¹ / ₄ MN	8.56 lbs.	25.68 lbs.
1153 ¹ / ₄ MN	14.44 lbs.	43.32 lbs.

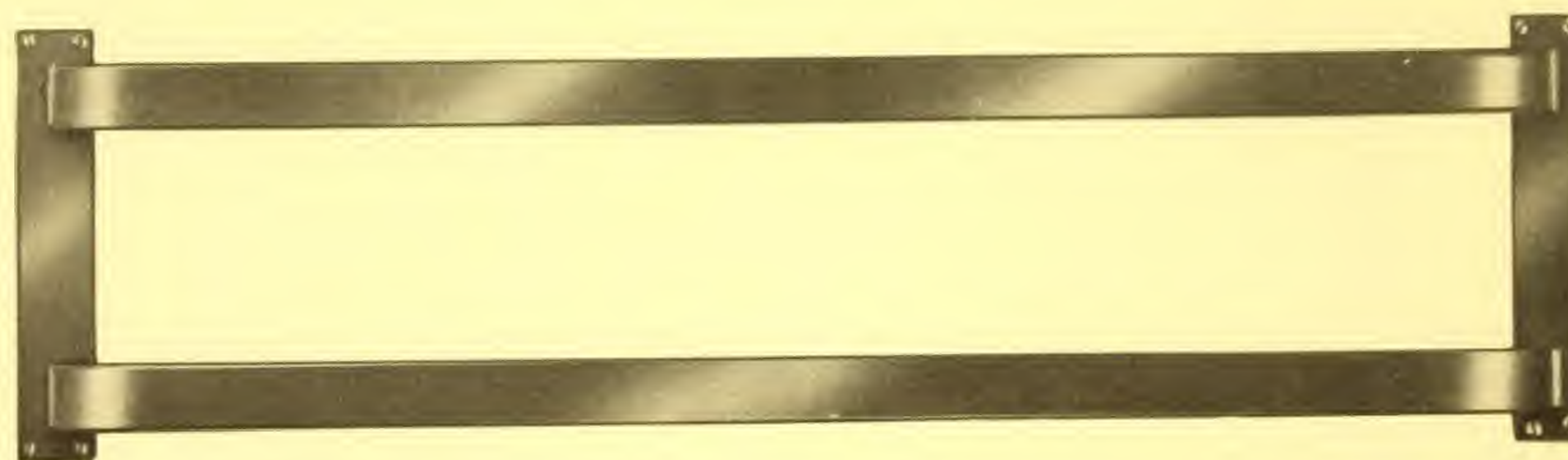
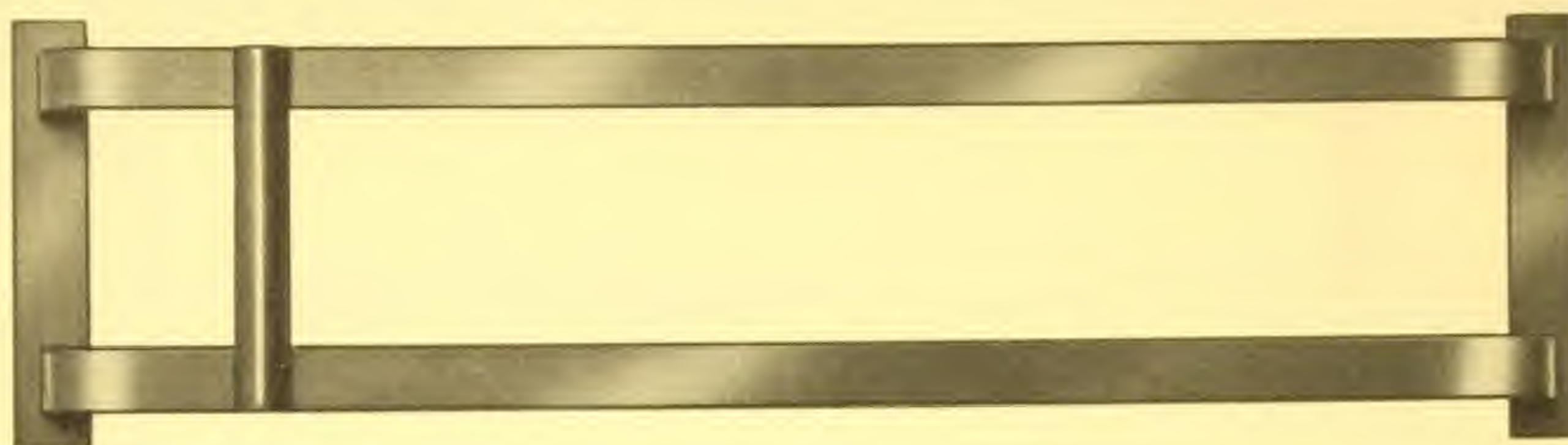
FURNISHED WITH THROUGH BOLTS, SURFACE SCREWS, AS ORDERED.
WHEN ORDERED BACK TO BACK, SEX BOLTS WILL BE FURNISHED.

SPECIFY CENTER TO CENTER MEASUREMENT, THICKNESS OF DOORS
AND FINISH.

STANDARD OF QUALITY

PUSH AND PULL BARS

SOLID BAR STOCK 3/8" x 1 1/4"
BRASS, BRONZE, ALUMINUM AND STAINLESS STEEL



SET NO. 1152MS

152MS PULL BAR

151MS PUSH BAR

1152MS SET - 1 PULL BAR 152MS 1 PUSH BAR 151MS

NO.	BASES	PROJ.	CLEAR.	SPACING	BACKSET GRIP
151MS	1 1/2" x 9"	1 3/4"	1 3/8"	6 1/4"	-
152MS	1 1/2" x 9"	1 3/4"	1 3/8"	6 1/4"	4 1/2"
	PROJECTION OVER GRIP 2 3/8"			GRIP 1 1/8"	

WEIGHT 31" C - C

Bronze Aluminum

151MS 10.50 lbs. 3.50 lbs.

152MS 13.50 lbs. 4.50 lbs.

FURNISHED WITH SURFACE SCREWS OR THROUGH BOLTS AS ORDERED.
WHEN FURNISHED BACK TO BACK, SEX BOLTS WILL BE FURNISHED.

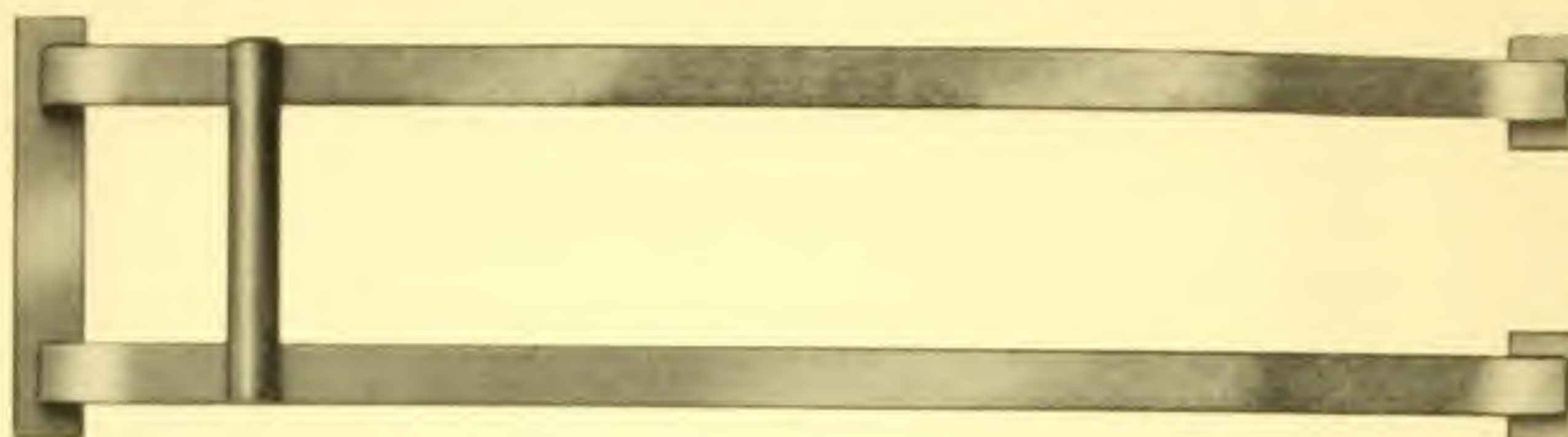
SPECIFY C - C MEASUREMENT, THICKNESS OF DOORS AND FINISH.

STANDARD OF QUALITY

OFFSET PUSH AND PULL BARS

SOLID BAR STOCK 3/8" x 1 1/4"

BRASS, BRONZE, ALUMINUM AND STAINLESS STEEL



OFFSET 7"

SET NO. 1152 1/4 MS

152 1/4 MS PULL BAR

151 1/4 MS PUSH BAR

1152 1/4 MS SET - 1 PULL BAR 152 1/4 MS 1 PUSH BAR 151 1/4 MS

NO.	BASES	HEIGHT	CLEAR.	SPACING	GRIP
151 1/4 MS	1 1/2" x 9" - 1 1/2" x 2 1/2"	1 3/4"	1 3/8"	6 1/4"	-
152 1/4 MS	1 1/2" x 9" - 1 1/2" x 2 1/2"	1 3/4"	1 3/8"	6 1/4"	4 1/2"
	HEIGHT OVER GRIP - 2 3/8"		GRIP - 1 1/8"		

WEIGHT 31" C - C

	Bronze	Aluminum
151 1/4 MS	11.14 lbs.	3.38 lbs.
152 1/4 MS	12.00 lbs.	4.00 lbs.

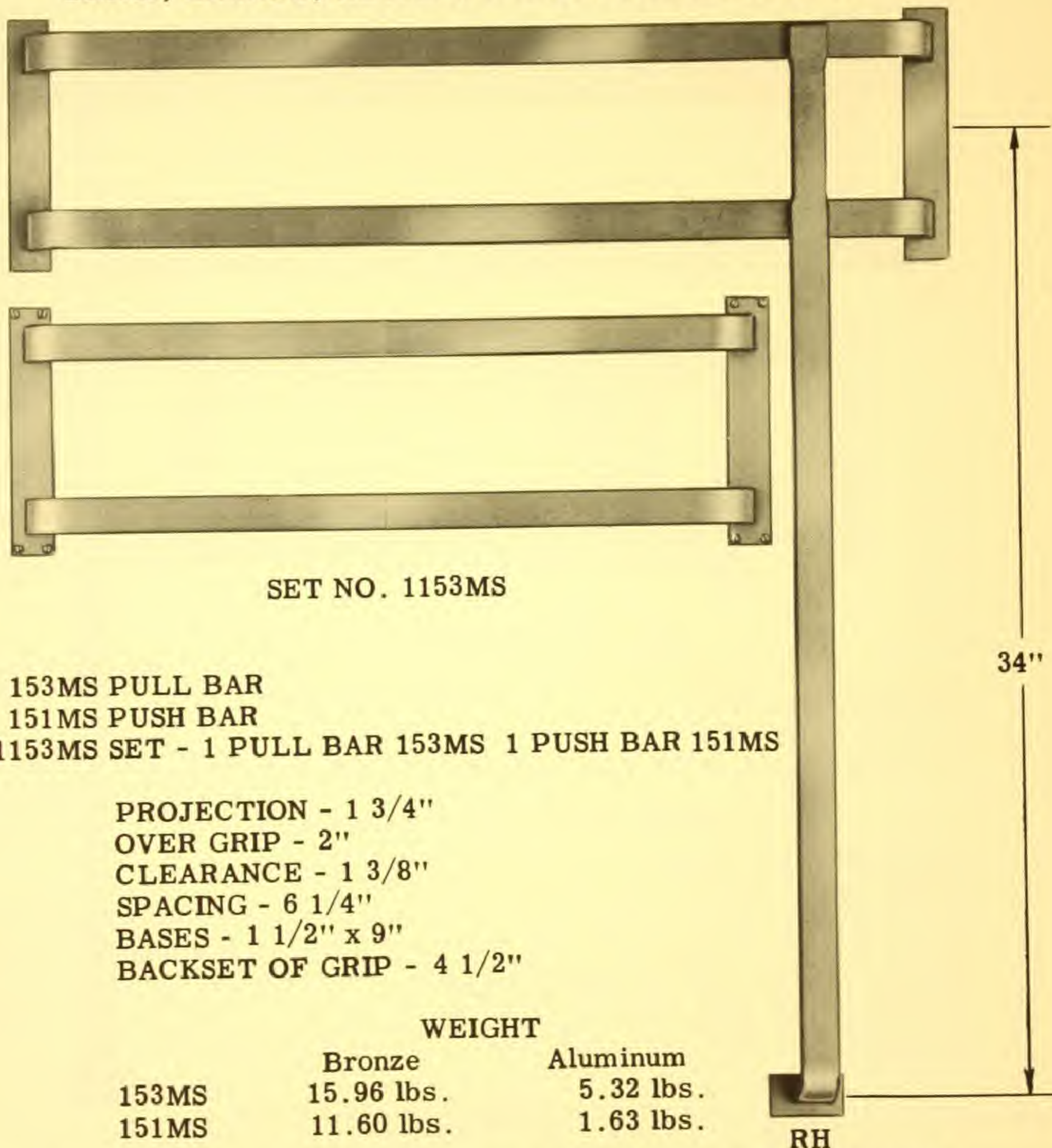
ELONGATED BACK PLATES MAY BE HAD ON ORDER.
FURNISHED WITH SURFACE SCREWS OR THROUGH BOLTS AS ORDERED.
WHEN ORDERED BACK TO BACK, SEX BOLTS WILL BE FURNISHED.

SPECIFY C - C MEASUREMENT, THICKNESS OF DOORS AND FINISH.

STANDARD OF QUALITY

PUSH AND PULL BARS

SOLID BAR STOCK 3/8" x 1 1/4"
BRASS, BRONZE, ALUMINUM AND STAINLESS STEEL



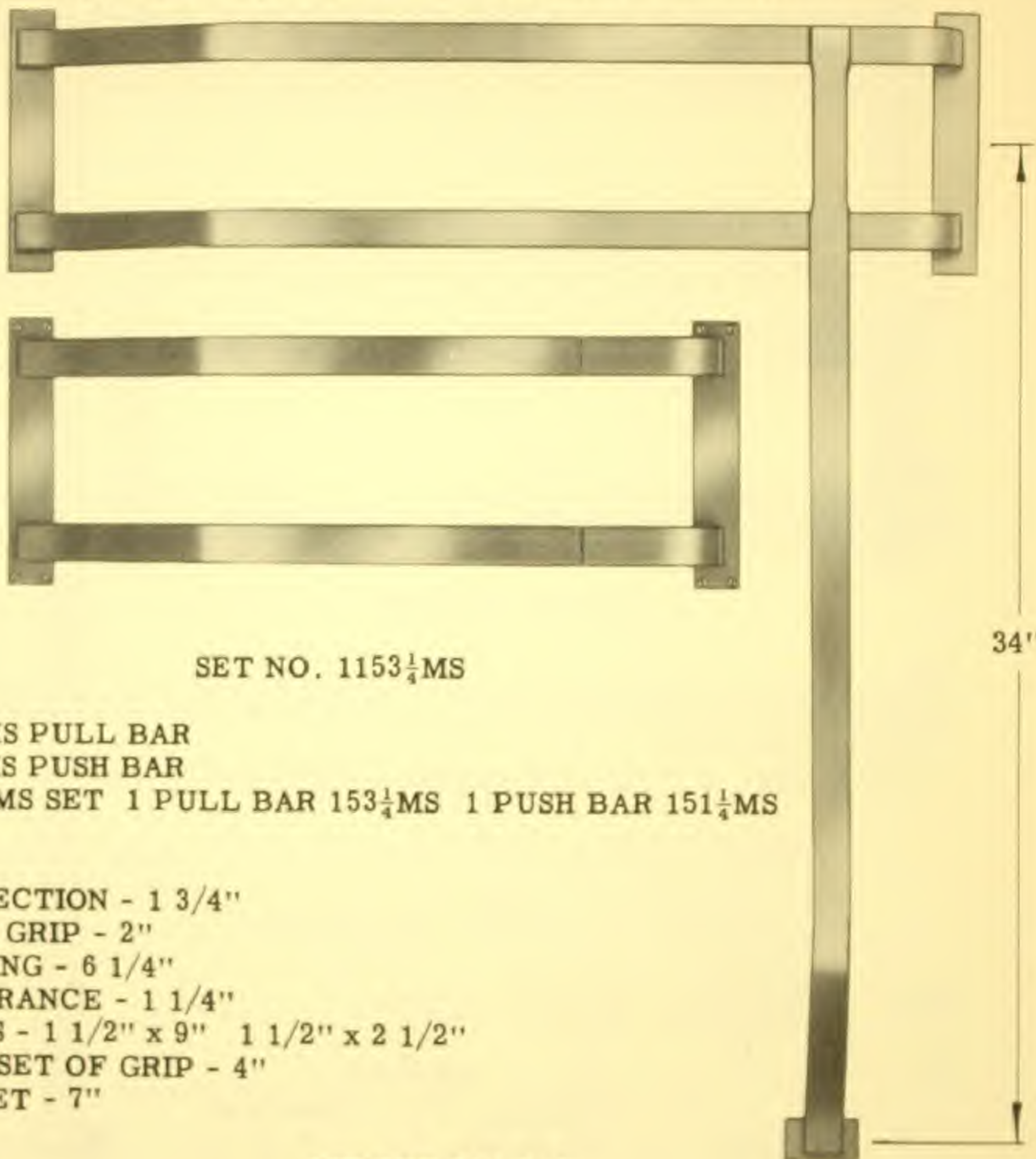
WHEN ORDERED BACK TO BACK, SEX BOLTS WILL BE FURNISHED.
SPECIFY FINISH, HAND AND THICKNESS OR DOORS.

STANDARD OF QUALITY

OFFSET PUSH AND PULL BARS

SOLID BAR STOCK - 3/8" x 1 1/4"

BRASS, BRONZE, ALUMINUM AND STAINLESS STEEL



SET NO. 1153 1/4 MS

153 1/4 MS PULL BAR

151 1/4 MS PUSH BAR

1153 1/4 MS SET 1 PULL BAR 153 1/4 MS 1 PUSH BAR 151 1/4 MS

PROJECTION - 1 3/4"

OVER GRIP - 2"

SPACING - 6 1/4"

CLEARANCE - 1 1/4"

BASES - 1 1/2" x 9" 1 1/2" x 2 1/2"

BACKSET OF GRIP - 4"

OFFSET - 7"

WEIGHT 31" C-C

NO.
153 1/4 MS

Bronze	Aluminum
15.96 lbs.	5.32 lbs.

151 1/4 MS

11.60 lbs.	3.87 lbs.
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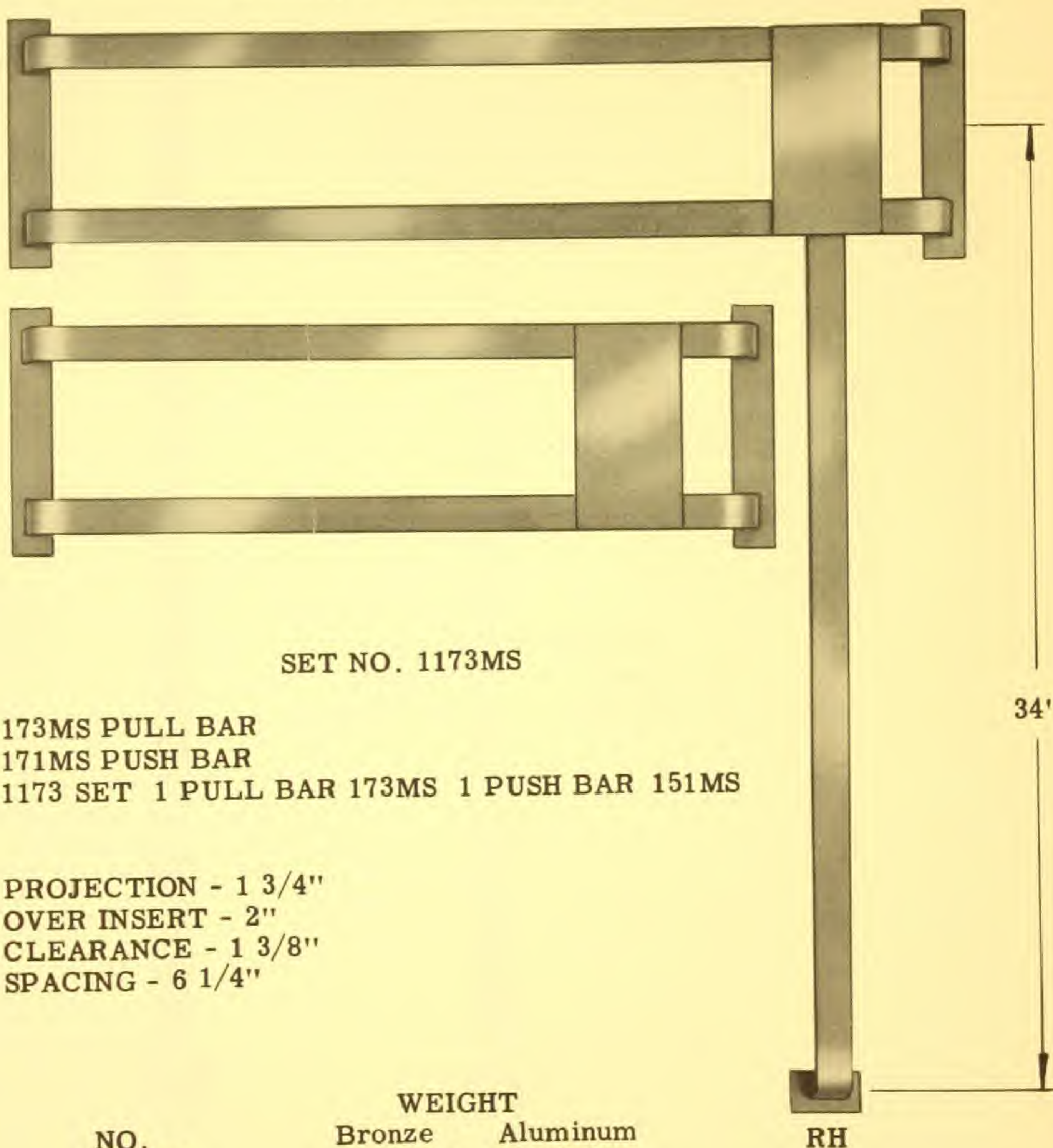
WHEN ORDERED BACK TO BACK, SEX BOLTS WILL BE FURNISHED.

SPECIFY FINISH, HAND AND THICKNESS OF DOORS

STANDARD OF QUALITY

PUSH AND PULL BARS

SOLID BAR STOCK 3/8" X 1 1/4"
BRASS, BRONZE AND ALUMINUM



SET NO. 1173MS

173MS PULL BAR
171MS PUSH BAR
1173 SET 1 PULL BAR 173MS 1 PUSH BAR 151MS

PROJECTION - 1 3/4"
OVER INSERT - 2"
CLEARANCE - 1 3/8"
SPACING - 6 1/4"

NO.	WEIGHT	
	Bronze	Aluminum
173MS	16.80 lbs.	5.60 lbs.
171MS	12.57 lbs.	4.19 lbs.

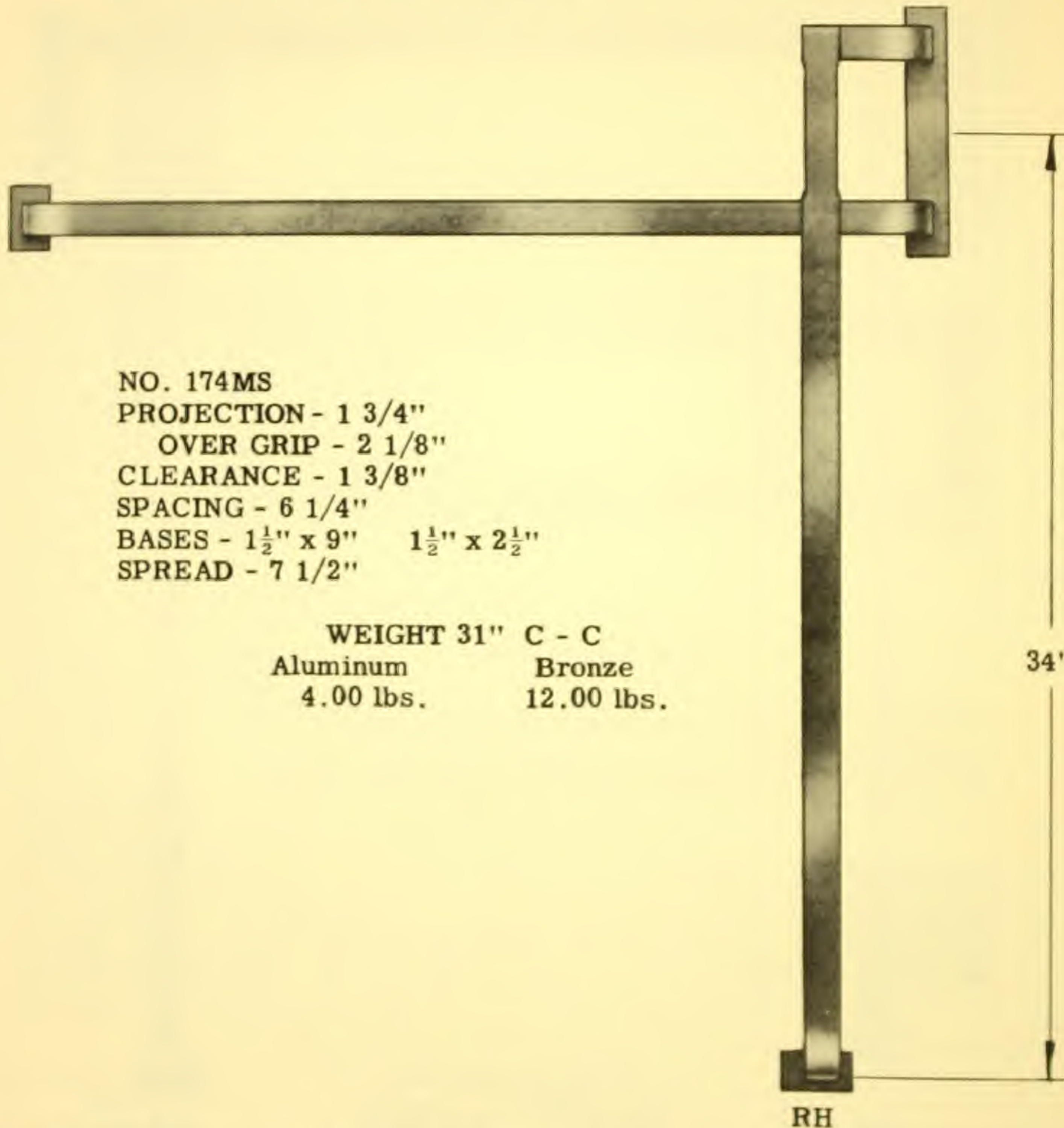
RH

WHEN ORDERED BACK TO BACK, SEX BOLTS WILL BE FURNISHED
SPECIFY FINISH, HAND AND THICKNESS OF DOORS

STANDARD OF QUALITY

PUSH AND PULL BARS

SOLID BAR STOCK $3/8"$ x $1 1/4"$
BRASS, BRONZE AND ALUMINUM



NO. 174MS

PROJECTION - $1 3/4"$

OVER GRIP - $2 1/8"$

CLEARANCE - $1 3/8"$

SPACING - $6 1/4"$

BASES - $1 1/2"$ x $9"$ $1 1/2"$ x $2 1/2"$

SPREAD - $7 1/2"$

WEIGHT 31" C - C

Aluminum

Bronze

4.00 lbs.

12.00 lbs.

34"

RH

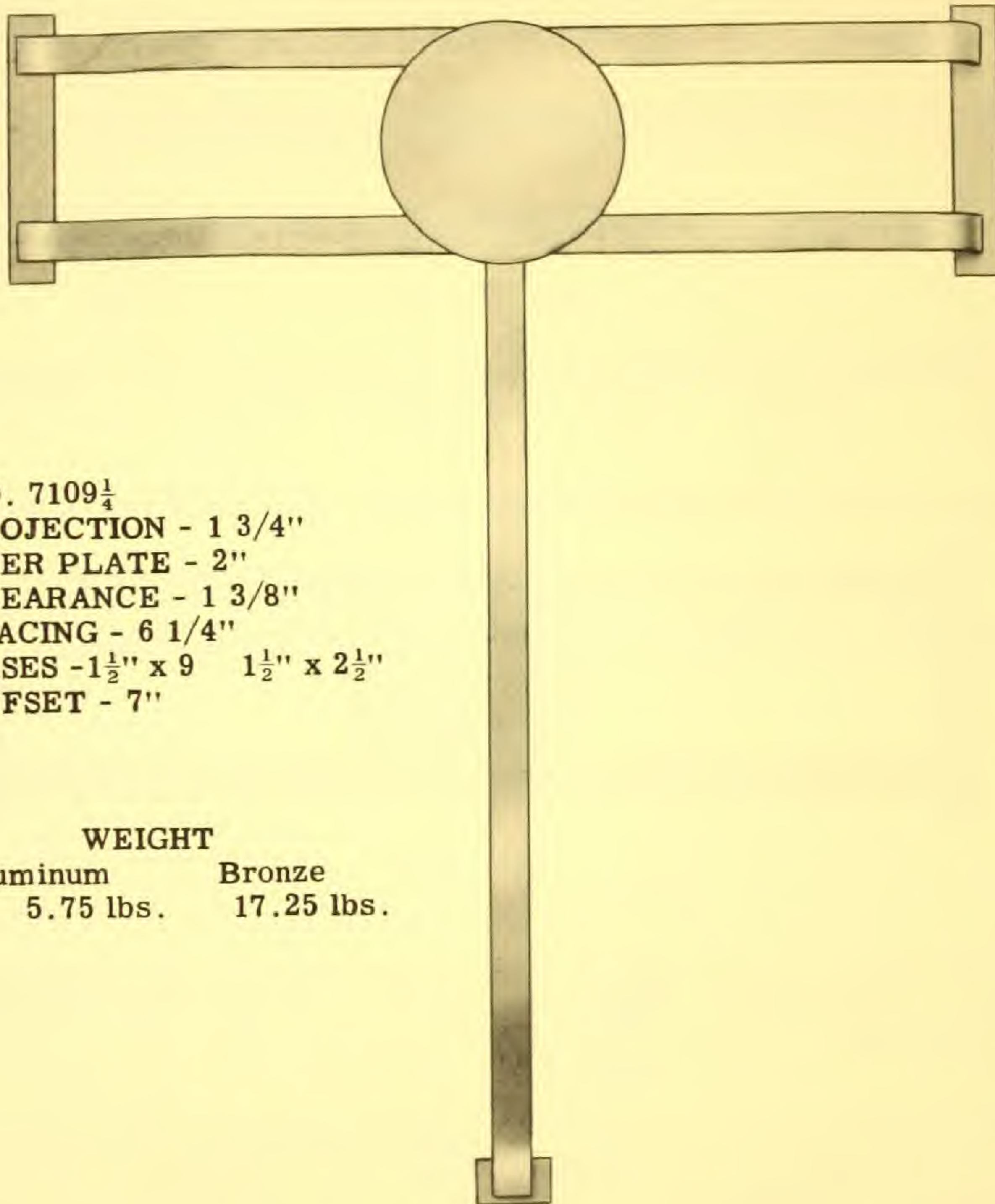
FURNISHED WITH SURFACE SCREWS OR THROUGH BOLTS AS ORDERED.

SPECIFY FINISH, AND AND THICKNESS OF DOORS.

STANDARD OF QUALITY

OFFSET PUSH BARS

SOLID BAR STOCK $3/8"$ x $1\ 1/4"$
BRASS, BRONZE AND ALUMINUM



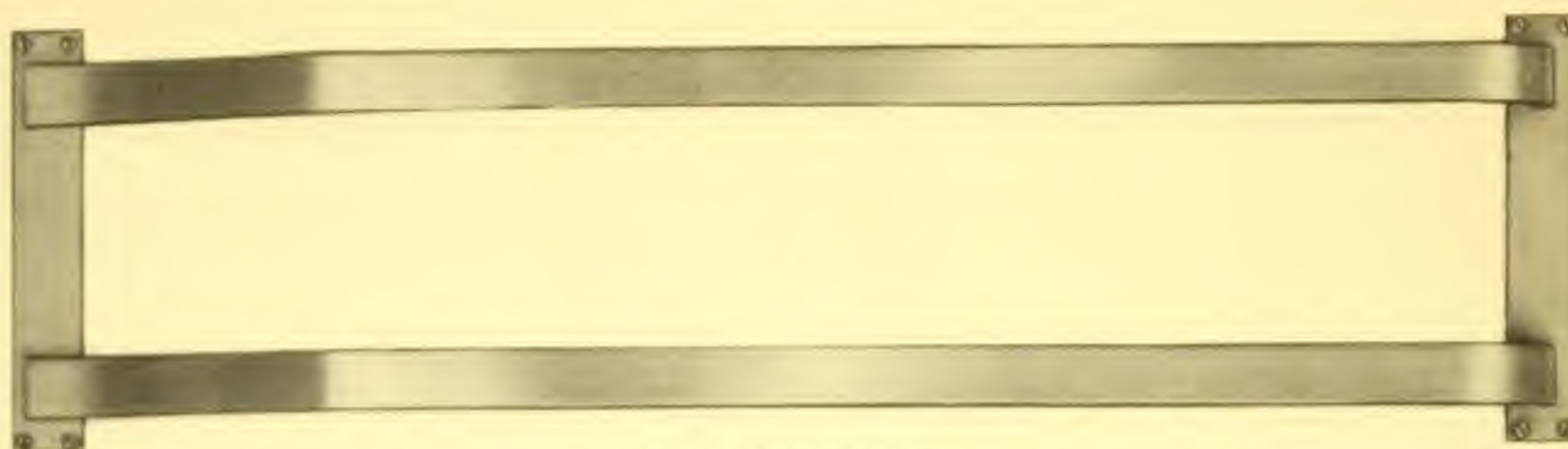
NO. 7109 $\frac{1}{4}$
PROJECTION - $1\ 3/4"$
OVER PLATE - $2"$
CLEARANCE - $1\ 3/8"$
SPACING - $6\ 1/4"$
BASES - $1\frac{1}{2}"$ x 9 $1\frac{1}{2}"$ x $2\frac{1}{2}"$
OFFSET - $7"$

WEIGHT

Aluminum	Bronze
5.75 lbs.	17.25 lbs.

FURNISHED WITH SURFACE SCREWS OR THROUGH BOLTS AS ORDERED
SPECIFY FINISH AND THICKNESS OF DOORS

STANDARD OF QUALITY
OFFSET PUSH BARS
 SOLID BAR STOCK $3/8"$ x $1\frac{1}{4}"$
 BRASS, BRONZE AND ALUMINUM



NO. 151 $\frac{1}{4}$ MS

NO.	BASES	PROJ.	CLEAR.	SPACING	OFFSET
151 $\frac{1}{4}$ MS	$1\frac{1}{2}"$ x 9"	$1\frac{3}{4}"$	$1\frac{3}{8}"$	$6\frac{1}{4}"$	7"



NO. 7110 $\frac{1}{4}$

NO.	BASES	PROJ.	CLEAR.	SPACING	OFFSET
7110 $\frac{1}{4}$	$1\frac{1}{2}"$ x 9"	$1\frac{3}{4}"$	$1\frac{3}{8}"$	$6\frac{1}{4}"$	7"

WEIGHT - 31" C - C

NO.	Aluminum	Bronze
151 $\frac{1}{4}$ MS	10.50 lbs.	3.50 lbs.
7110 $\frac{1}{4}$	12.75 lbs.	4.25 lbs.

FURNISHED WITH SURFACE SCREWS OR THROUGH BOLTS AS ORDERED

SPECIFY FINISH, CENTER TO CENTER MEASUREMENT AND THICKNESS OF DOORS

STANDARD OF QUALITY

PUSH AND PULL BARS

SOLID BAR STOCK 3/8" x 1 1/4"

BRASS, BRONZE, ALUMINUM, STAINLESS STEEL AND BLACK IRON



SET NO. 479

472 SINGLE PUSH BAR

476 DOUBLE PULL BAR

479 SET - 2 PUSH BARS 472 1 PULL BAR 476

472 PUSH BARS	Clearance 3/8"	Projection 3/4"	Pads 3/8" x 2"
476 PULL BARS	Clearance 3/8"	Projection 3/4"	Pads 3/8" x 2"
		Projection over Grip 2 7/16"	Spacing 8"
		Size of Grip 1 1/4" x 13 1/8" x 3/8"	

SETS PACKED WITH THROUGH BOLTS OR SEX BOLTS BACK TO BACK
AS ORDERED

	Aluminum	Bronze
472 PUSH BARS 4 in a box - Wght. 31" C-C	1.63 lbs.	3.26 lbs.
476 PULL BARS 1 in a box - Wght. 31" C-C	4.00 lbs.	12.00 lbs.
479 SETS - 1 set in a box - Wght. 31" C-C	7.25 lbs.	21.75 lbs.

SPECIFY CENTER TO CENTER MEASUREMENTS, THICKNESS OF DOORS
AND FINISH.

PULL BARS 476 ARE REVERSIBLE

STANDARD OF QUALITY

PUSH AND PULL BARS

SOLID BAR STOCK 3/8" x 1 1/2"

BRASS, BRONZE, ALUMINUM, STAINLESS STEEL AND BLACK IRON



SET NO. 1504

500 SINGLE PUSH BAR

504 DOUBLE PULL BAR

1504 SET - 2 PUSH BARS 500 1 PULL BAR 504

500 PUSH BAR Clearance 3/8" Projection 3/4" Pads 1 1/2" x 2"

504 PULL BAR Clearance 3/8" Projection 3/4" Pads 1 1/2" x 2"

Projection over Grip 2 11/16" Spacing 8"

Size of Grip 1 1/2" x 14 1/2" x 3/8"

SETS PACKED WITH THROUGH BOLTS OR SEX BOLTS BACK TO BACK
AS ORDERED

	Aluminum	Bronze
500 PUSH BARS 4 in a box - Wght. 31" C-C	1.92 lbs.	5.75 lbs.
505 PULL BARS 1 in a box - Wght. 31" C-C	4.64 lbs.	13.88 lbs.
1504 SETS 1 set in a box - Wght. 31" C-C	8.42 lbs.	25.25 lbs.

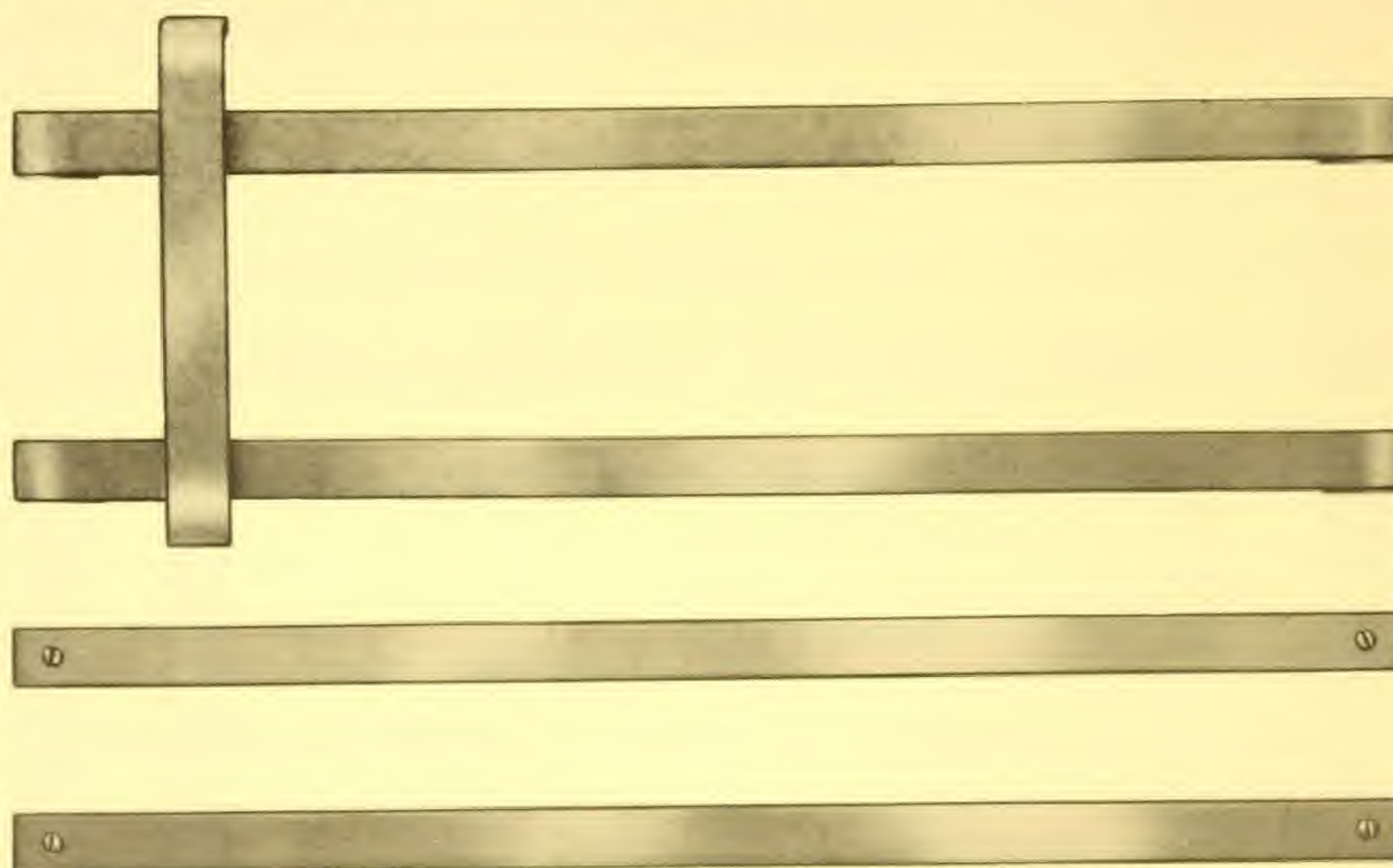
SPECIFY CENTER TO CENTER MEASUREMENTS, THICKNESS OF DOORS
AND FINISH.

PULL BARS 504 ARE REVERSIBLE

STANDARD OF QUALITY

PUSH AND PULL BARS

SOLID BAR STOCK $1\frac{1}{2}" \times 1\frac{1}{2}"$
 BRASS, BRONZE, ALUMINUM, STAINLESS STEEL AND BLACK IRON



SET NO. 1505

501 SINGLE PUSH BAR

505 DOUBLE PULL BAR

1505 SET - 2 PUSH BARS 501 1 PULL BAR 505

501 PUSH BARS	Clearance $1\frac{1}{2}"$	Projection 1"	Pads $1\frac{1}{2}" \times 2"$
505 PULL BARS	Clearance $1\frac{1}{2}"$	Projection 1"	Pads $1\frac{1}{2}" \times 2"$
		Projection over Grip $2\frac{13}{16}"$	Spacing 8"
		Size of Grip $1\frac{1}{2}" \times 14\frac{1}{4}" \times 1\frac{1}{2}"$	

SETS PACKED WITH THROUGH BOLTS OR SEX BOLTS BACK TO BACK
 AS ORDERED

	Aluminum	Bronze
501 PUSH BARS 4 in a box - Wght. 31" C-C	2.69 lbs.	8.63 lbs.
505 PULL BARS 1 in a box - Wght. 31" C-C	6.37 lbs.	19.13 lbs.
1505 SETS - 1 set in a box - Wght. 31" C-C	11.75 lbs.	35.25 lbs.

SPECIFY CENTER TO CENTER MEASUREMENTS, THICKNESS OF DOORS
 AND FINISH.

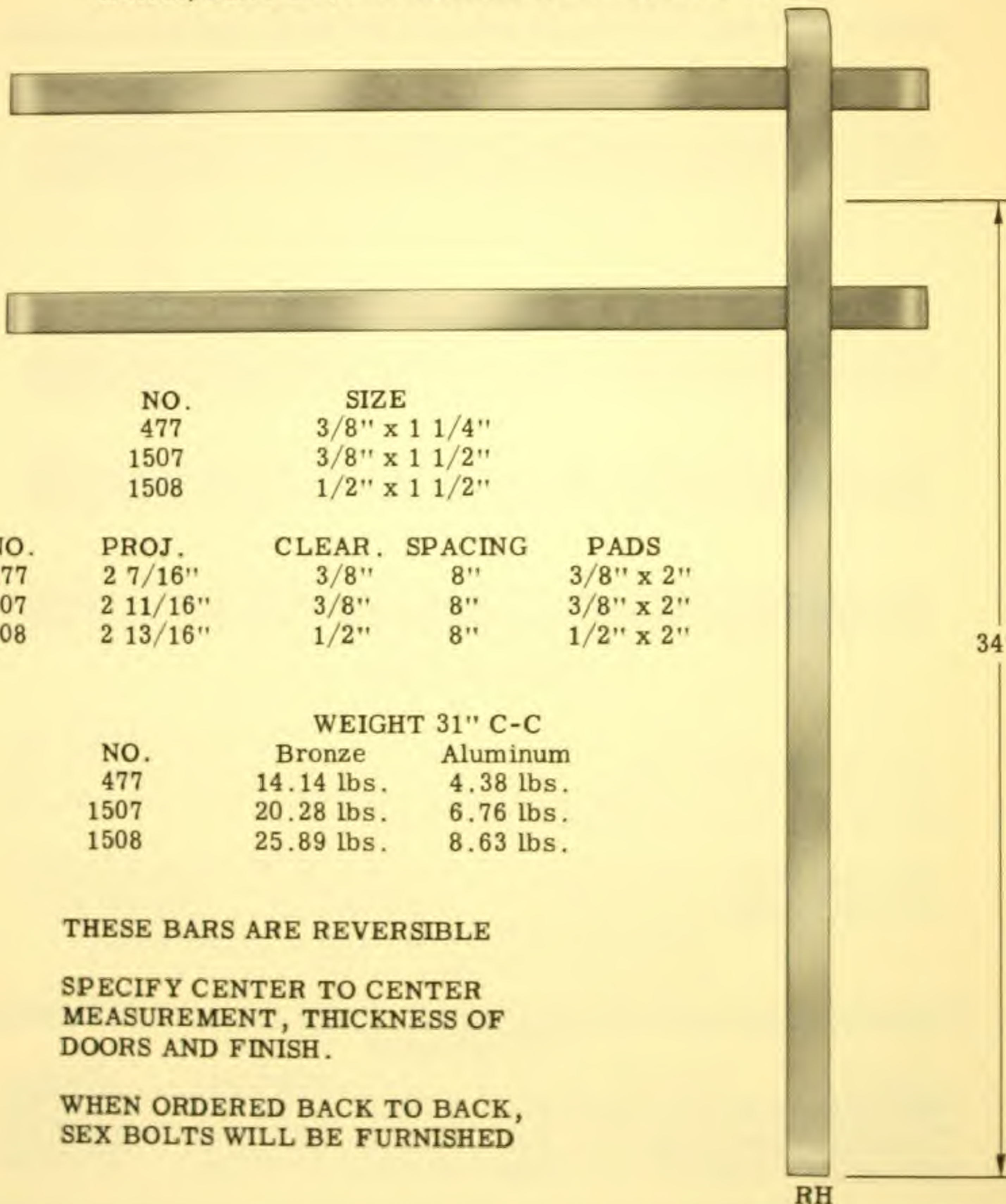
PULL BARS 505 ARE REVERSIBLE

STANDARD OF QUALITY

PUSH BARS

SOLID BAR STOCK

BRASS, BRONZE, ALUMINUM AND STAINLESS STEEL



NO.	SIZE
477	3/8" x 1 1/4"
1507	3/8" x 1 1/2"
1508	1/2" x 1 1/2"

NO.	PROJ.	CLEAR.	SPACING	PADS
477	2 7/16"	3/8"	8"	3/8" x 2"
1507	2 11/16"	3/8"	8"	3/8" x 2"
1508	2 13/16"	1/2"	8"	1/2" x 2"

34"

WEIGHT 31" C-C		
NO.	Bronze	Aluminum
477	14.14 lbs.	4.38 lbs.
1507	20.28 lbs.	6.76 lbs.
1508	25.89 lbs.	8.63 lbs.

THESE BARS ARE REVERSIBLE

SPECIFY CENTER TO CENTER
MEASUREMENT, THICKNESS OF
DOORS AND FINISH.

WHEN ORDERED BACK TO BACK,
SEX BOLTS WILL BE FURNISHED

RH

STANDARD OF QUALITY

PUSH AND PULL BARS

SOLID BAR STOCK - 3/4" SQUARE
BRASS, BRONZE, ALUMINUM AND STAINLESS STEEL



SET NO. 1152MT

152MT PULL BAR
151MT PUSH BAR
1152MT SET - 1 PULL BAR 152MT 1 PUSH BAR 151MT

152MT PULL BARS Bases 1 1/2" x 9" Projection 1 7/8"
Height over Grip 2 1/2" Spacing 6 1/4"
Backset of Grip 5 1/4" Size of Grip 1" x 7"

151MT PUSH BARS Bases 1 1/2" x 9" Projection 1 7/8"
Spacing 6 1/4"

	31" C - C		Bronze	Aluminum
152MT PULL BARS	Weight	13.32 lbs.	4.44 lbs.	
151MT PUSH BARS	Weight	11.81 lbs.	3.94 lbs.	
1152MT SETS	Weight	25.13 lbs.	8.38 lbs.	

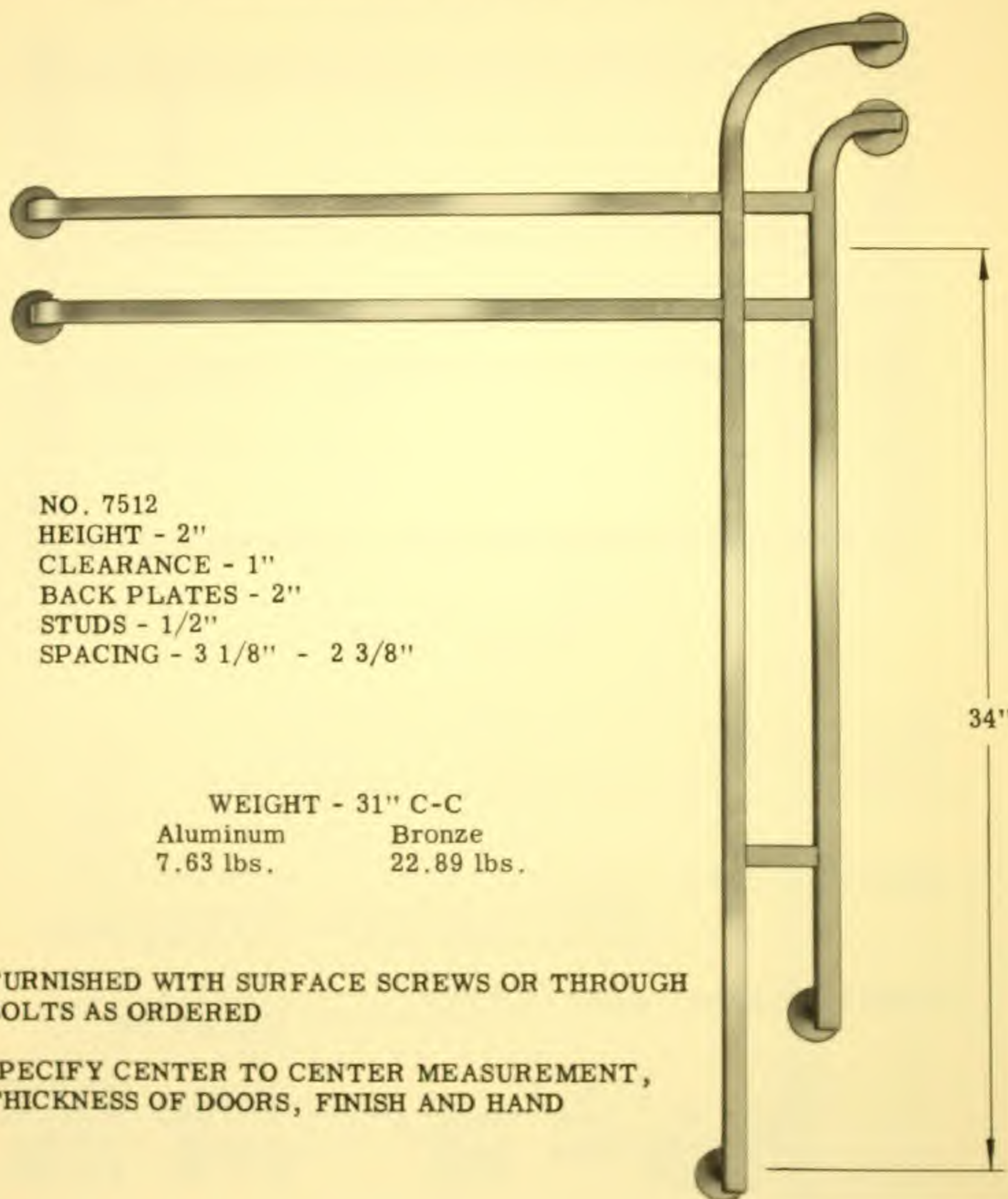
FURNISHED WITH SEX BOLTS WHEN USED BACK TO BACK. SURFACE
SCREWS OR THROUGH BOLTS, AS ORDERED.
SPECIFY THICKNESS OF DOORS.

STANDARD OF QUALITY

PUSH AND PULL BARS

3/4" SOLID BAR STOCK

BRASS, BRONZE, ALUMINUM AND STAINLESS STEEL



NO. 7512

HEIGHT - 2"

CLEARANCE - 1"

BACK PLATES - 2"

STUDS - 1/2"

SPACING - 3 1/8" - 2 3/8"

WEIGHT - 31" C-C

Aluminum

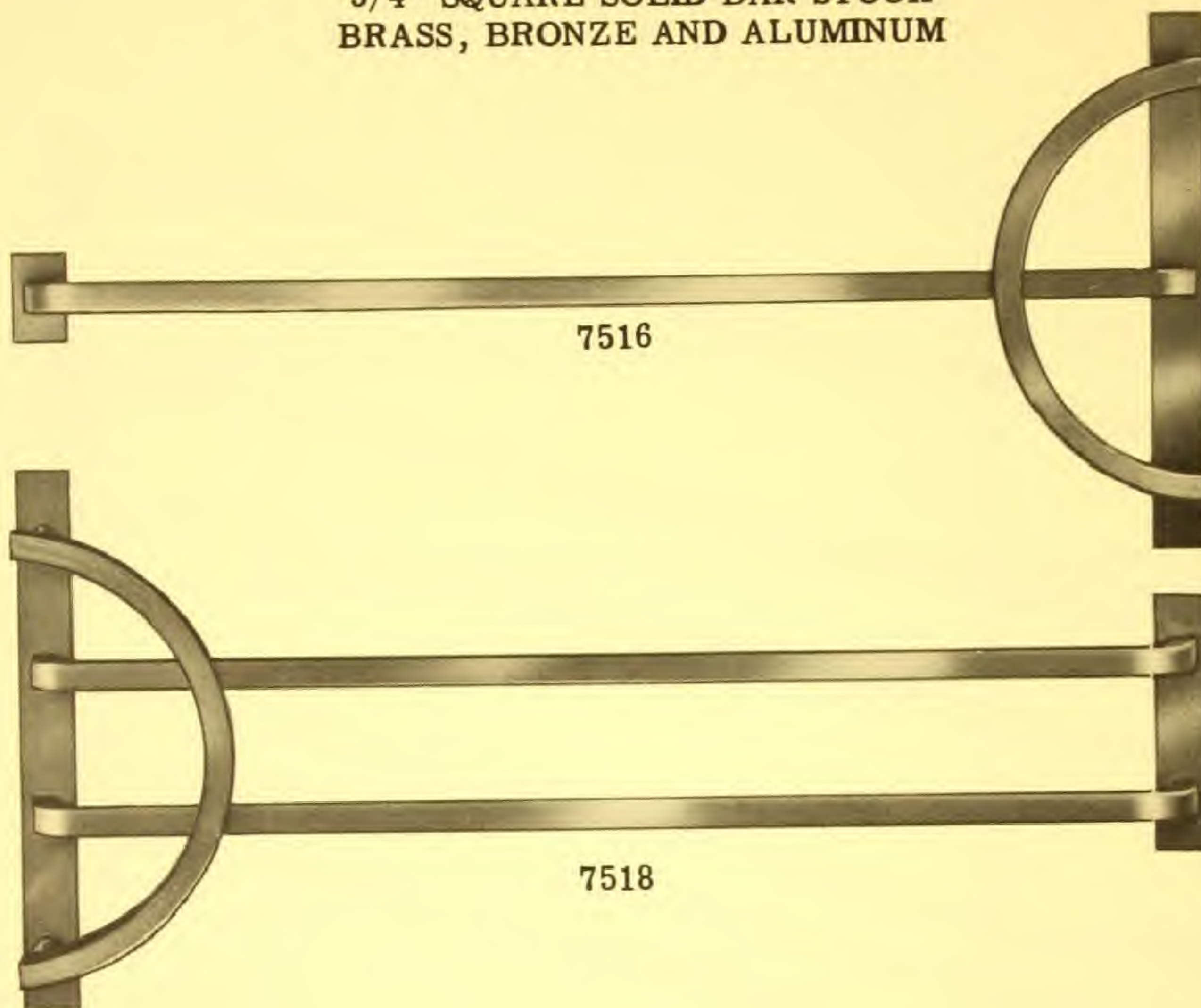
7.63 lbs.

Bronze

22.89 lbs.

FURNISHED WITH SURFACE SCREWS OR THROUGH
BOLTS AS ORDEREDSPECIFY CENTER TO CENTER MEASUREMENT,
THICKNESS OF DOORS, FINISH AND HAND

STANDARD OF QUALITY

PUSH BARS3/4" SQUARE SOLID BAR STOCK
BRASS, BRONZE AND ALUMINUM

NO.	PROJ.	CLEARANCE	BASES	SPACING
7516	2 3/4"	1 3/8"	1 1/2" x 2 1/2" - 1 1/2" x 15"	-
7518	2 3/4"	1 3/8"	1 1/2" x 7" - 1 1/2" x 15"	4"
	C-C GRIP 11 1/2"			
	WEIGHT 31" C-C			
		Bronze	Aluminum	
	7516	9.75 lbs.	3.25 lbs.	
	7518	15.75 lbs.	5.25 lbs.	

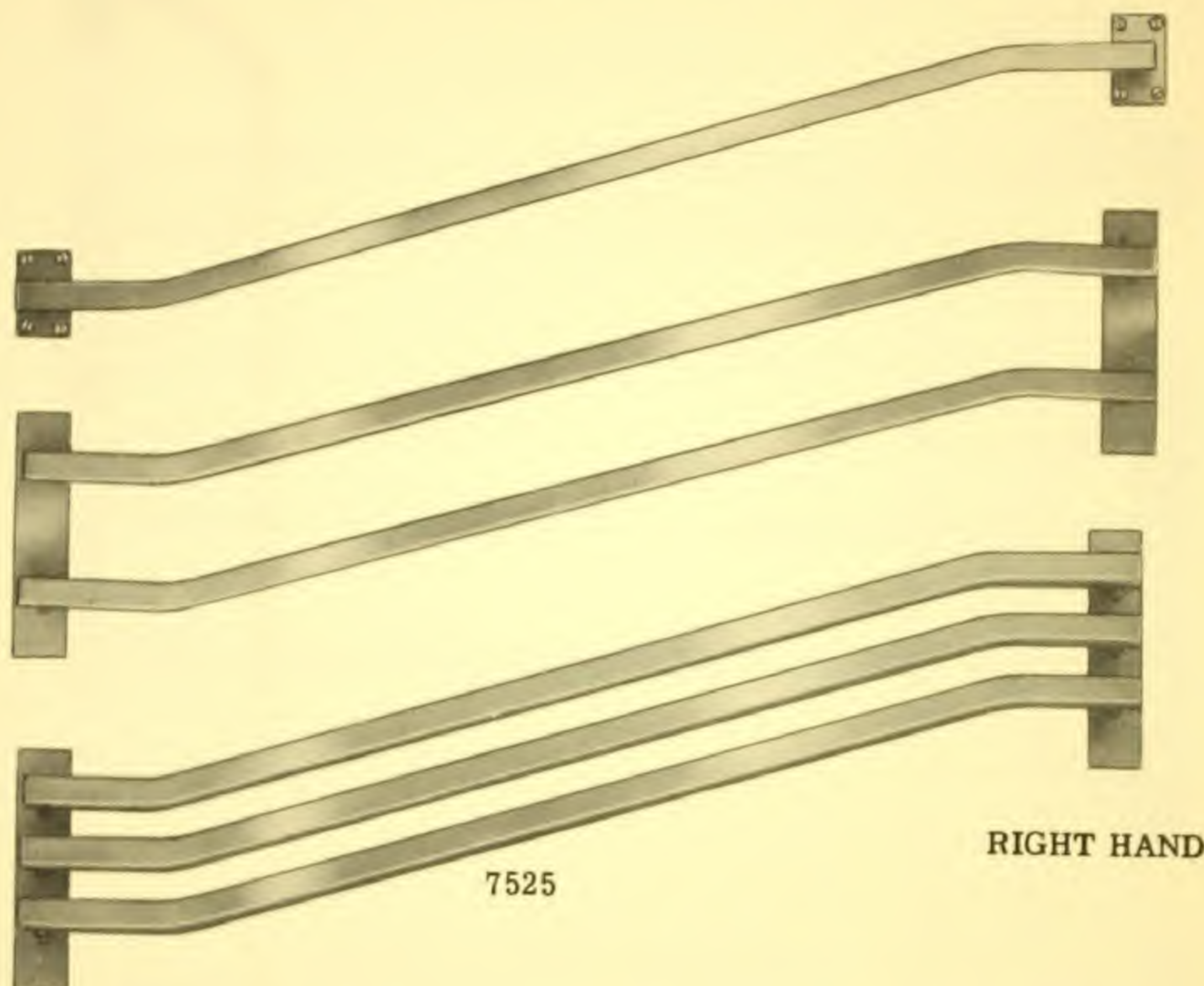
FURNISHED WITH SURFACE SCREWS OR THROUGH BOLTS AS ORDERED.
WHEN ORDERED BACK TO BACK, SEX BOLTS WILL BE FURNISHED.

SPECIFY C - C MEASUREMENT, THICKNESS OF DOORS AND FINISH.

STANDARD OF QUALITY

PUSH BARS

3/4" SQUARE SOLID BAR STOCK
BRASS, BRONZE AND ALUMINUM



RIGHT HAND

NO.	PROJ.	CLEAR.	STUDS	BASES	SPACING
7523	2"	1"	1/2"	1 1/2" x 2 1/2"	-
7524	2"	1"	1/2"	1 1/2" x 7"	4"
7525	2"	1"	1/2"	1 1/2" x 7"	1 3/4"

WEIGHT 31" C - C

	Bronze	Aluminum
7523	2.63 lbs.	.875 lbs.
7524	12.00 lbs.	4.00 lbs.
7525	16.89 lbs.	5.63 lbs.

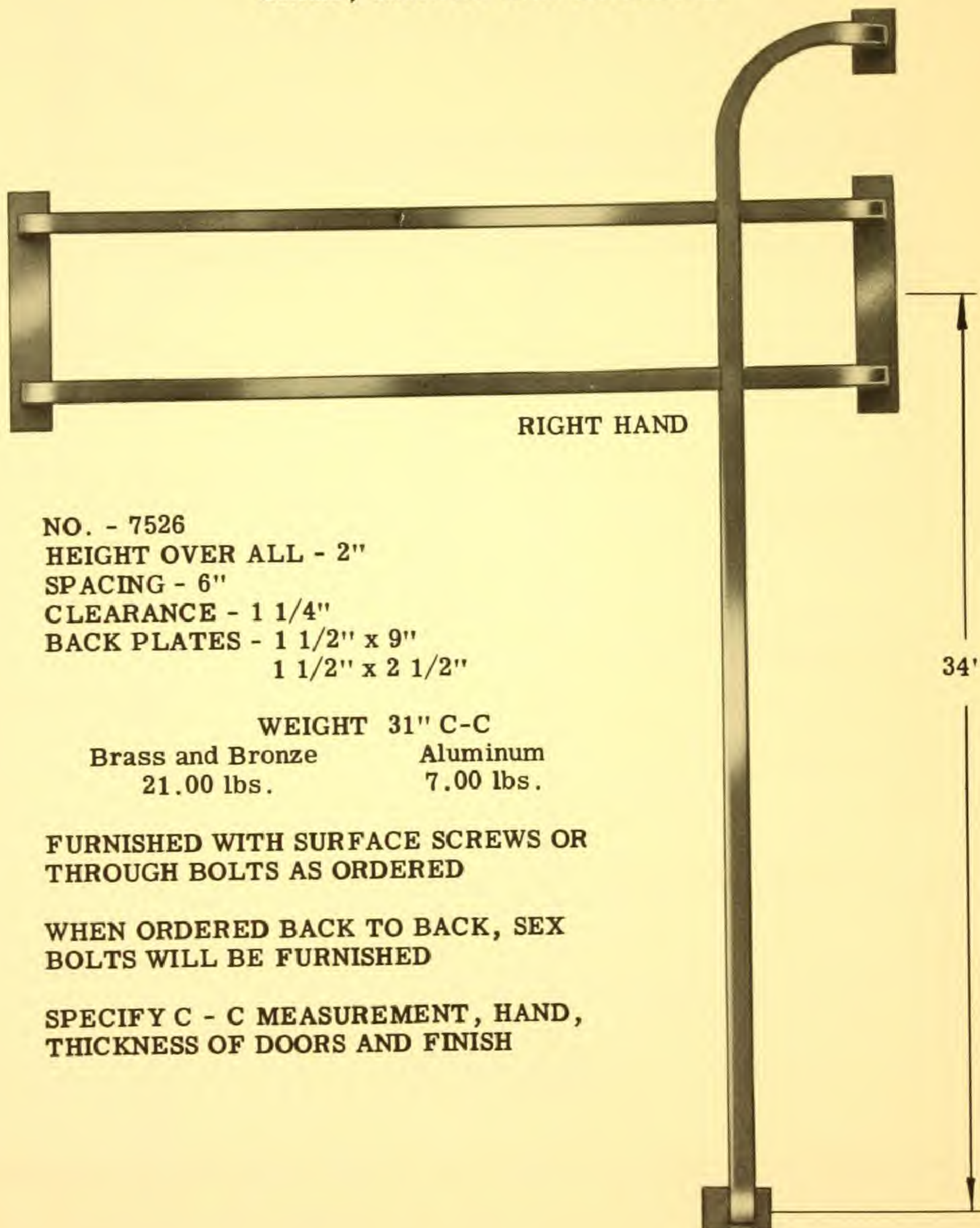
FURNISHED WITH THROUGH BOLTS OR SURFACE SCREWS AS ORDERED
WHEN ORDERED BACK TO BACK, SEX BOLTS WILL BE FURNISHED

SPECIFY C - C MEASUREMENT, THICKNESS OF DOORS AND FINISH

STANDARD OF QUALITY

PUSH BARS

3/4" SQUARE SOLID BAR STOCK
BRASS, BRONZE AND ALUMINUM



NO. - 7526
HEIGHT OVER ALL - 2"
SPACING - 6"
CLEARANCE - 1 1/4"
BACK PLATES - 1 1/2" x 9"
1 1/2" x 2 1/2"

WEIGHT 31" C-C	
Brass and Bronze	Aluminum
21.00 lbs.	7.00 lbs.

FURNISHED WITH SURFACE SCREWS OR
THROUGH BOLTS AS ORDERED

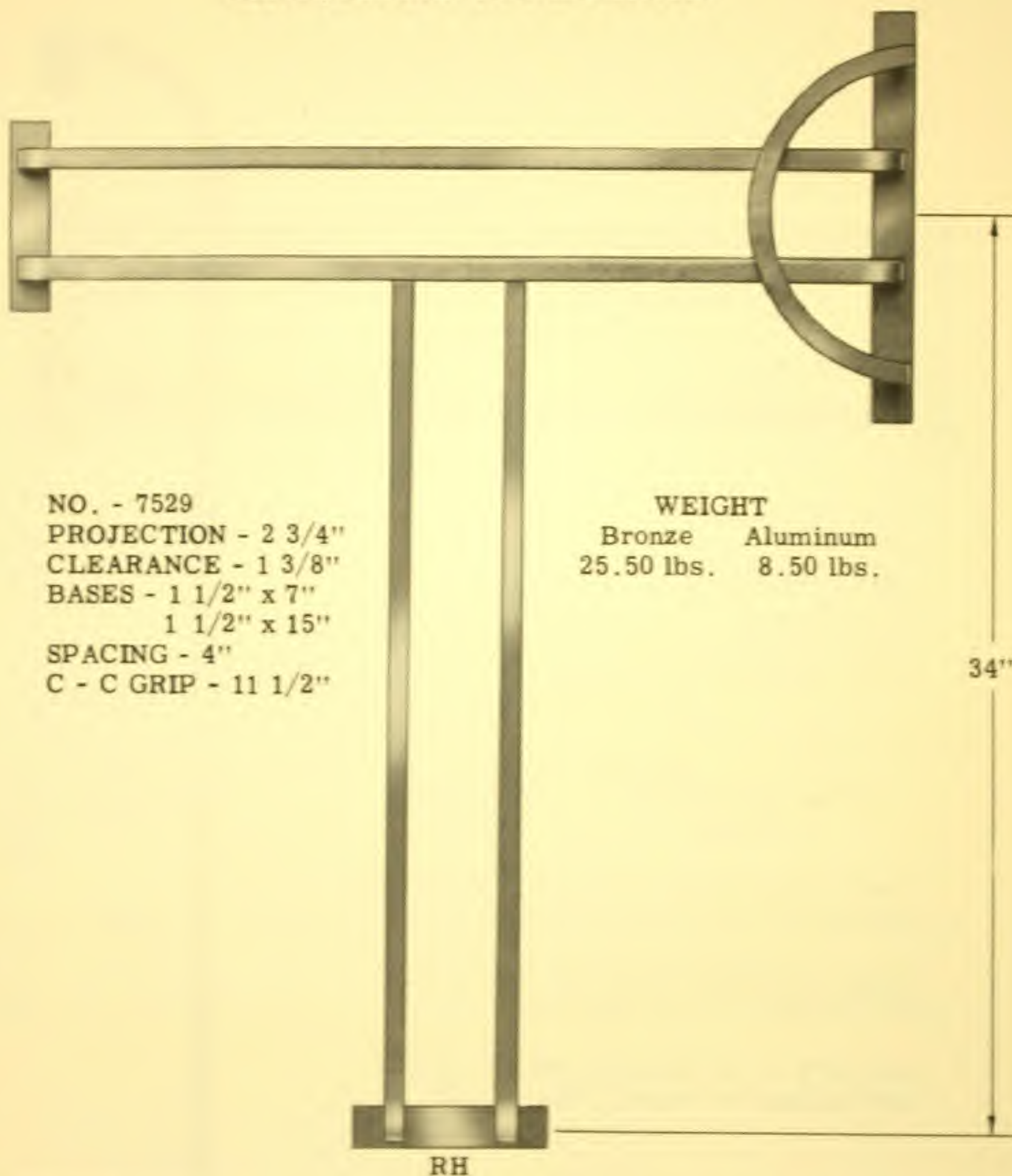
WHEN ORDERED BACK TO BACK, SEX
BOLTS WILL BE FURNISHED

SPECIFY C - C MEASUREMENT, HAND,
THICKNESS OF DOORS AND FINISH

STANDARD OF QUALITY

PUSH BARS

3/4" SQUARE SOLID BAR STOCK
BRASS, BRONZE AND ALUMINUM

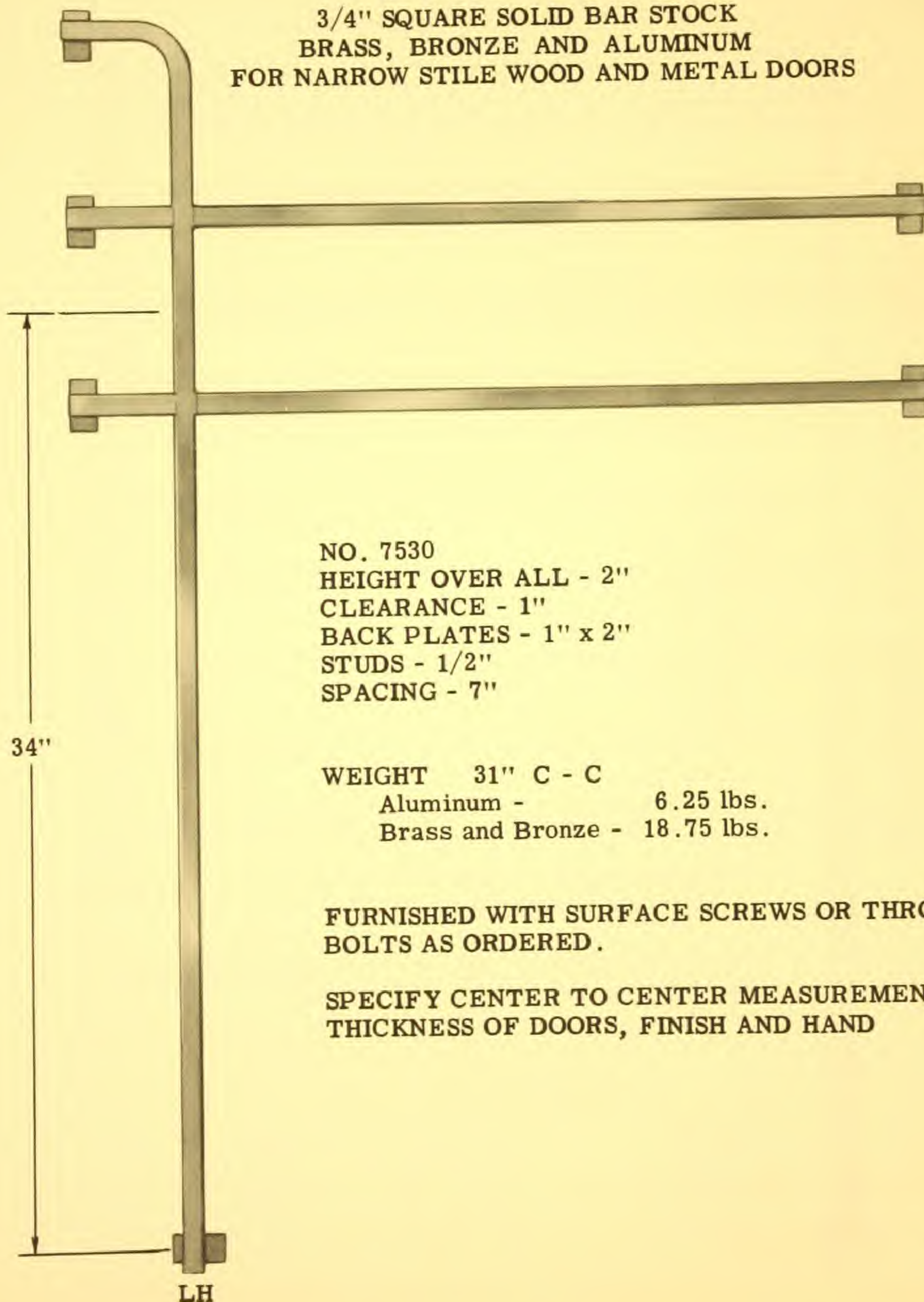


FURNISHED WITH SURFACE SCREWS OR THROUGH BOLTS AS ORDERED
WHEN ORDERED BACK TO BACK, SEX BOLTS WILL BE FURNISHED
SPECIFY C - C MEASUREMENT, THICKNESS OF DOORS AND FINISH

STANDARD OF QUALITY

PUSH BARS

3/4" SQUARE SOLID BAR STOCK
BRASS, BRONZE AND ALUMINUM
FOR NARROW STILE WOOD AND METAL DOORS



NO. 7530

HEIGHT OVER ALL - 2"

CLEARANCE - 1"

BACK PLATES - 1" x 2"

STUDS - 1/2"

SPACING - 7"

WEIGHT 31" C - C

Aluminum - 6.25 lbs.

Brass and Bronze - 18.75 lbs.

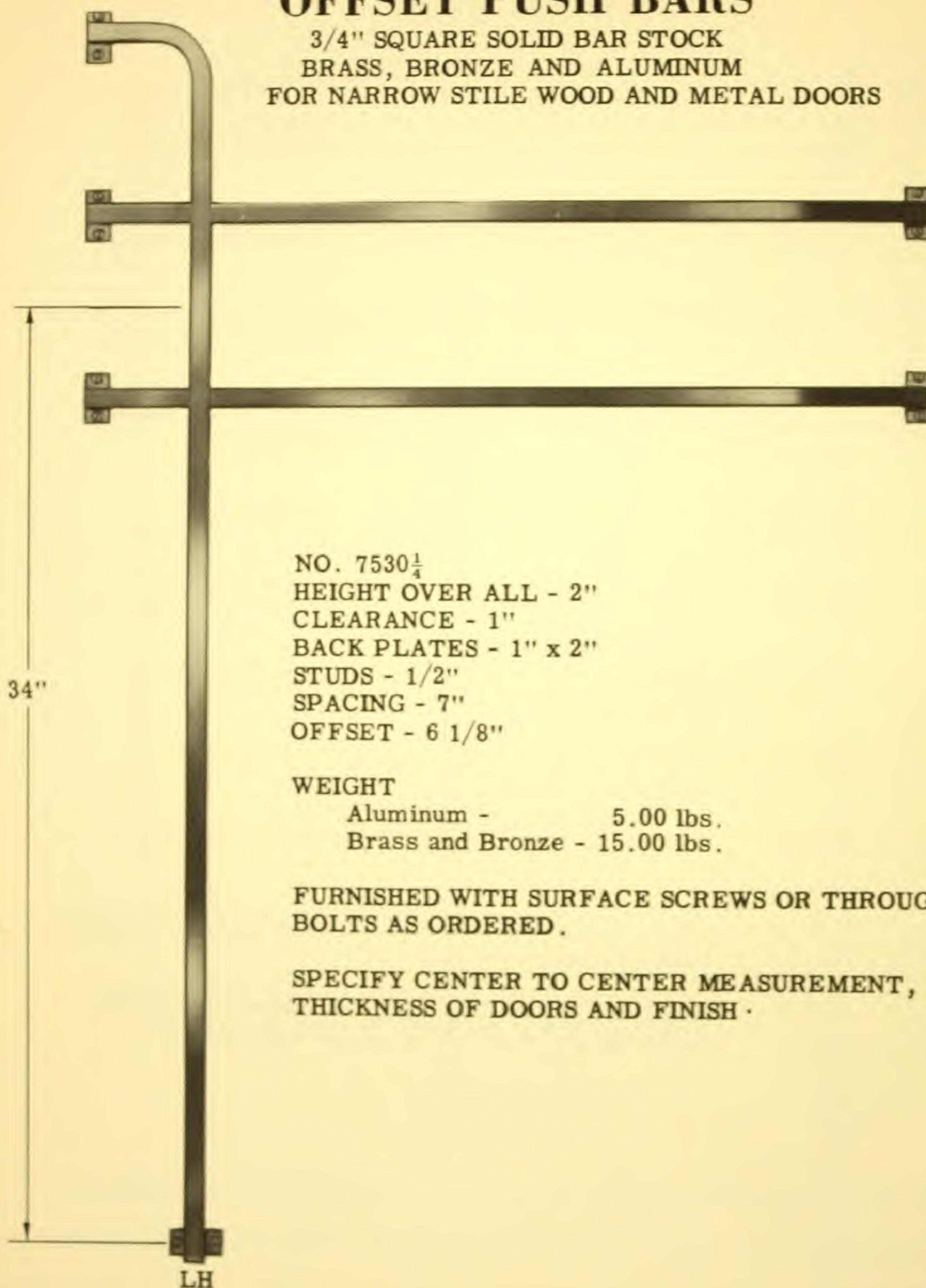
FURNISHED WITH SURFACE SCREWS OR THROUGH
BOLTS AS ORDERED.

SPECIFY CENTER TO CENTER MEASUREMENT,
THICKNESS OF DOORS, FINISH AND HAND

STANDARD OF QUALITY

OFFSET PUSH BARS

3/4" SQUARE SOLID BAR STOCK
BRASS, BRONZE AND ALUMINUM
FOR NARROW STILE WOOD AND METAL DOORS

NO. 7530 $\frac{1}{4}$

HEIGHT OVER ALL - 2"

CLEARANCE - 1"

BACK PLATES - 1" x 2"

STUDS - 1/2"

SPACING - 7"

OFFSET - 6 1/8"

WEIGHT

Aluminum - 5.00 lbs.

Brass and Bronze - 15.00 lbs.

FURNISHED WITH SURFACE SCREWS OR THROUGH
BOLTS AS ORDERED.

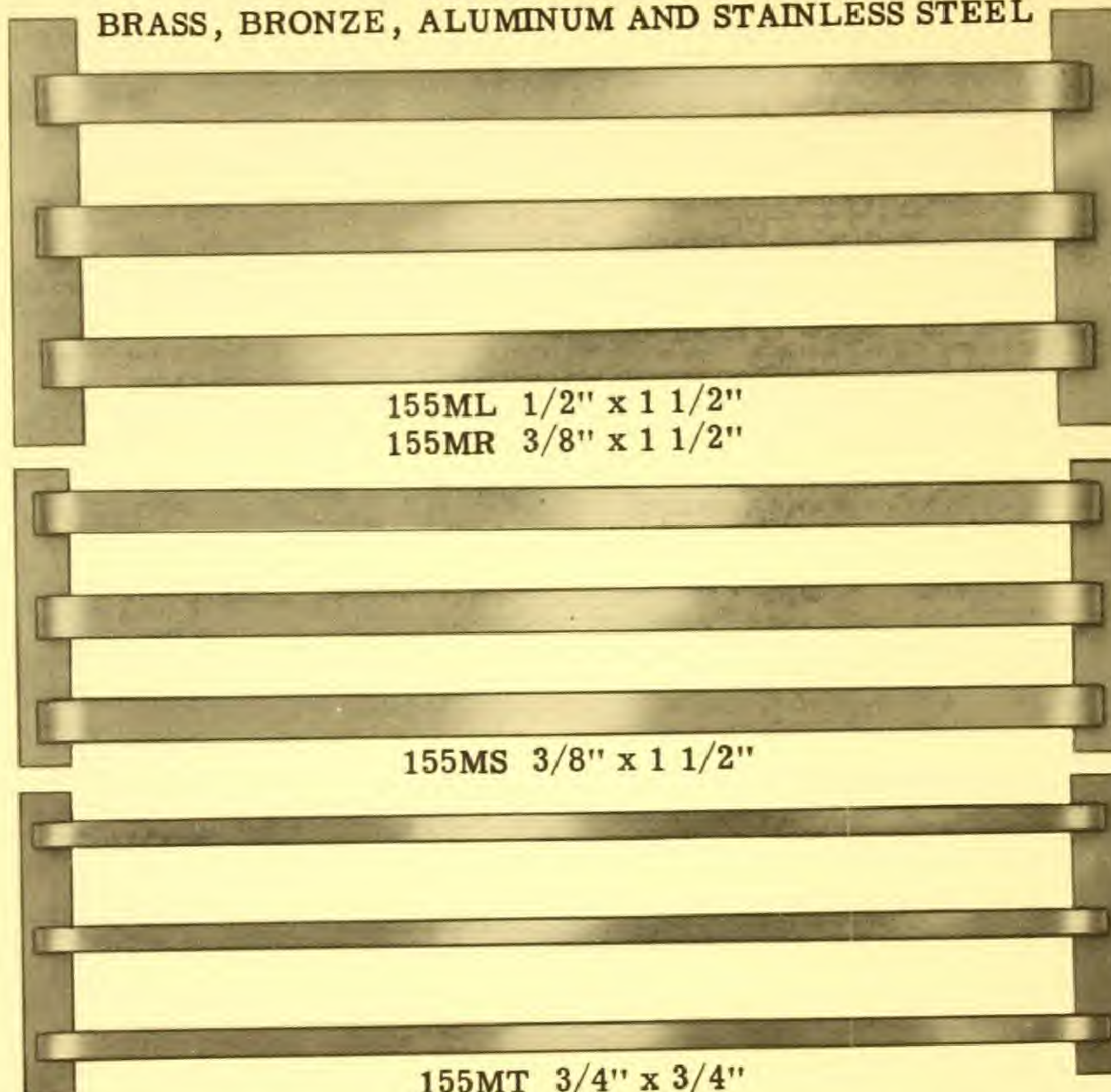
SPECIFY CENTER TO CENTER MEASUREMENT,
THICKNESS OF DOORS AND FINISH.

STANDARD OF QUALITY

PUSH BARS

SOLID BAR STOCK

BRASS, BRONZE, ALUMINUM AND STAINLESS STEEL



NO.	STOCK	BASES	HEIGHT	CLEARANCE	SPACING
155ML	1/2" x 1 1/2"	2" x 13"	1 3/4"	1 1/4"	4"
155MR	3/8" x 1 1/2"	2" x 13"	1 5/8"	1 1/8"	4"
155MS	3/8" x 1 1/4"	1 1/2" x 9"	1 3/4"	1 1/4"	3 1/8"
155MT	3/4" x 3/4"	1 1/2" x 9"	1 7/8"	1 1/8"	3 1/8"

Weights 31" C - C

	Bronze	Aluminum
155ML	21.00 lbs.	7.00 lbs.
155MR	18.00 lbs.	6.00 lbs.
155MS	15.00 lbs.	5.00 lbs.
155MT	17.07 lbs.	5.69 lbs.

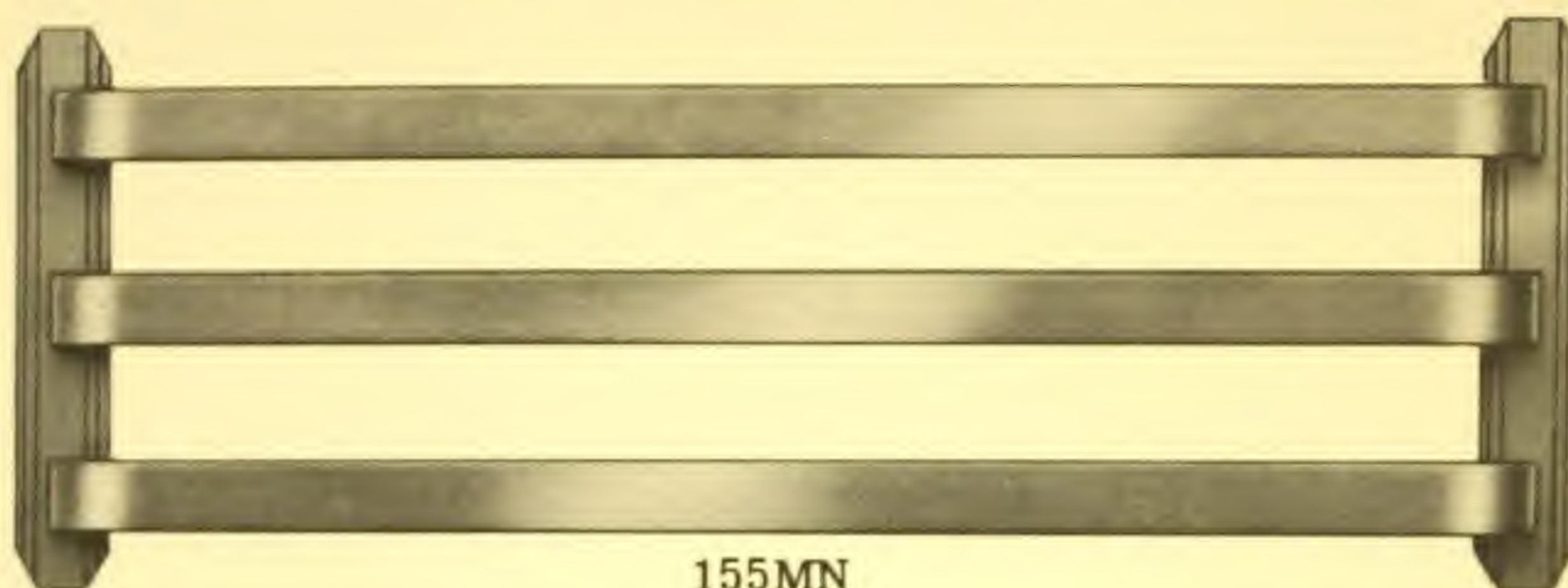
FURNISHED WITH SURFACE SCREWS, THROUGH BOLTS OR SEX BOLTS

STANDARD OF QUALITY

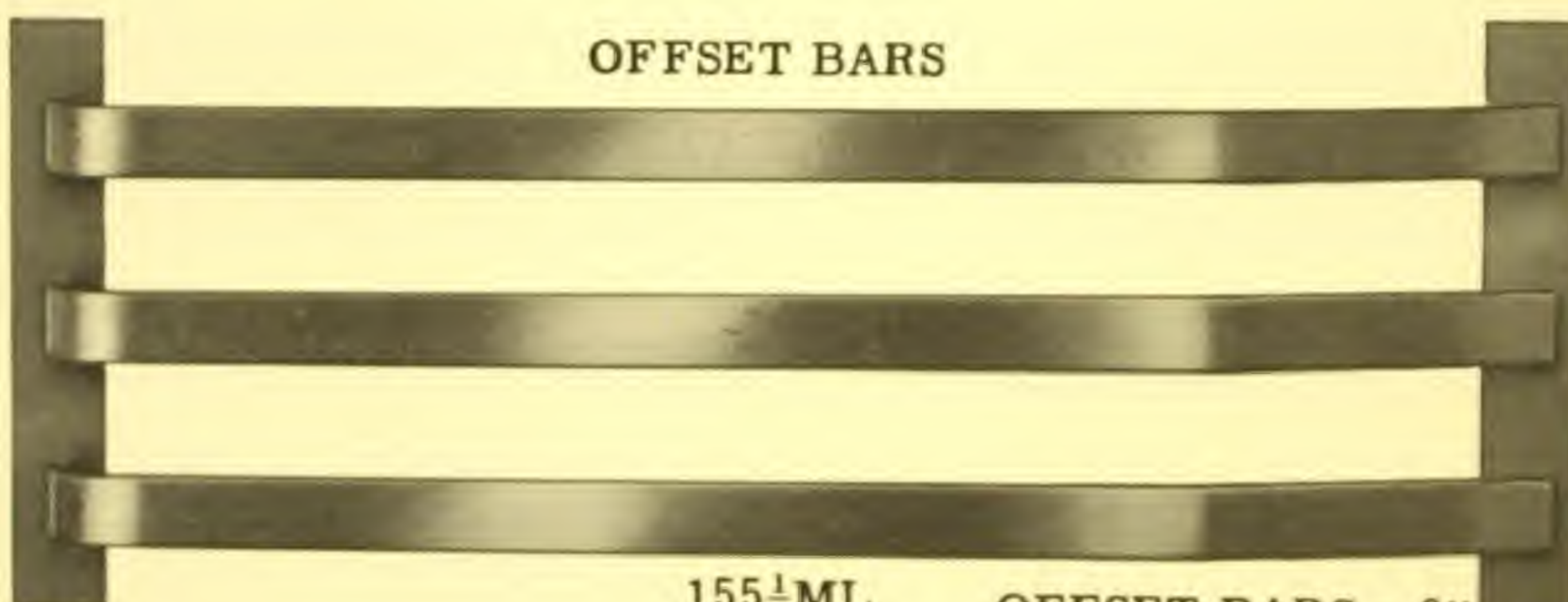
PUSH BARS

SOLID BAR STOCK

BRASS, BRONZE, ALUMINUM AND STAINLESS STEEL



155MN



OFFSET BARS

155 1/4 ML
155 1/4 MR

OFFSET BARS - 6"

NO.	STOCK	BASES	PROJ.	OVER GRIP	SPACING
155MN	1/2" x 1 1/2"	2" x 13 3/8"	1 5/8"	2 1/2"	4"
155 1/4 ML	1/2" x 1 1/2"	2" x 13"	1 5/8"	2 1/2"	4"
155 1/4 MR	3/8" x 1 1/2"	2" x 13"	1 1/2"	2 3/8"	4"

Weight 31" C - C

	Aluminum	Bronze
155MN	7.00 lbs.	21.00 lbs.
155 1/4 ML	7.00 lbs.	21.00 lbs.
155 1/4 MR	6.00 lbs.	18.00 lbs.

FURNISHED WITH SURFACE SCREWS, THROUGH BOLTS OR SEX BOLTS

STANDARD OF QUALITY

PUSH BARS

BRASS, BRONZE, ALUMINUM, STAINLESS STEEL AND BLACK IRON



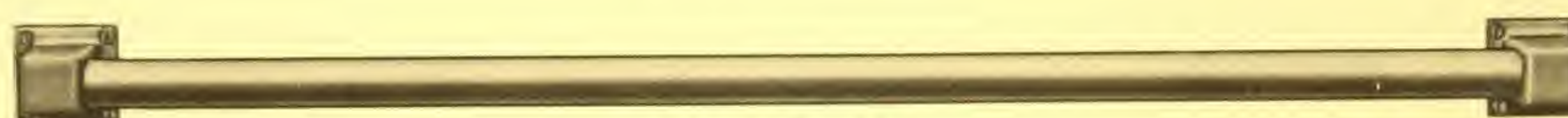
NO. 150ML
NO. 150MR



NO. 150MS



NO. 150MT



NO. 150MV



NO. 471 RH

NO.	STOCK	BASES	CLEARANCE	PROJECTION
150ML	1/2" x 1 1/2" BAR	2" x 3"	1 1/4"	1 3/4"
150MR	3/8" x 1 1/2" BAR	2" x 3"	1 3/8"	1 3/4"
150MS	3/8" x 1 1/4" BAR	1 1/2" x 2 1/2"	1 1/4"	1 5/8"
150MT	3/4" x 3/4" BAR	1 1/4" x 2 1/2"	1 1/8"	1 7/8"
* 150MV	1" TUBING	2 1/8" x 2 1/8"	1"	2 1/8"
471	CAST		1"	1 1/4"

150MV BAR MAY BE HAD IN STAINLESS STEEL

Weight 31" C - C

NO.	Bronze	Aluminum
150ML	7.89 lbs.	2.63 lbs.
150MR	5.28 lbs.	1.76 lbs.
150MS	4.89 lbs.	1.63 lbs.
150MT	5.64 lbs.	1.88 lbs.
150MV	2.64 lbs.	.88 lbs.
471	4.32 lbs.	1.44 lbs.

FURNISHED WITH SURFACE SCREWS OR THROUGH BOLTS.

SPECIFY C - C MEASUREMENT AND FINISH REQUIRED.

STANDARD OF QUALITY

PUSH BARS

SOLID BAR STOCK

BRASS, BRONZE, ALUMINUM AND STAINLESS STEEL



150MN


150 $\frac{1}{4}$ MN

OFFSET BAR - 6"



OFFSET BAR - 6"

150 $\frac{1}{4}$ ML
150 $\frac{1}{4}$ MR

NO.	STOCK	BASES	CLEARANCE	PROJECTION
150MN	1/2" x 1 1/2"	2" x 3 3/4"	1 1/4"	1 3/4"
150 $\frac{1}{4}$ MN	1/2" x 1 1/2"	2" x 3 3/4"	1 1/4"	1 3/4"
150 $\frac{1}{4}$ ML	1/2" x 1 1/2"	2" x 3"	1 1/4"	1 3/4"
150 $\frac{1}{4}$ MR	3/8" x 1 1/2"	2" x 3"	1 3/8"	1 5/8"

Weight 31" C - C

	Bronze	Aluminum
150MN	7.89 lbs.	2.63 lbs.
150 $\frac{1}{4}$ MN	7.89 lbs.	2.63 lbs.
150 $\frac{1}{4}$ ML	7.89 lbs.	2.63 lbs.
150 $\frac{1}{4}$ MR	5.28 lbs.	1.76 lbs.

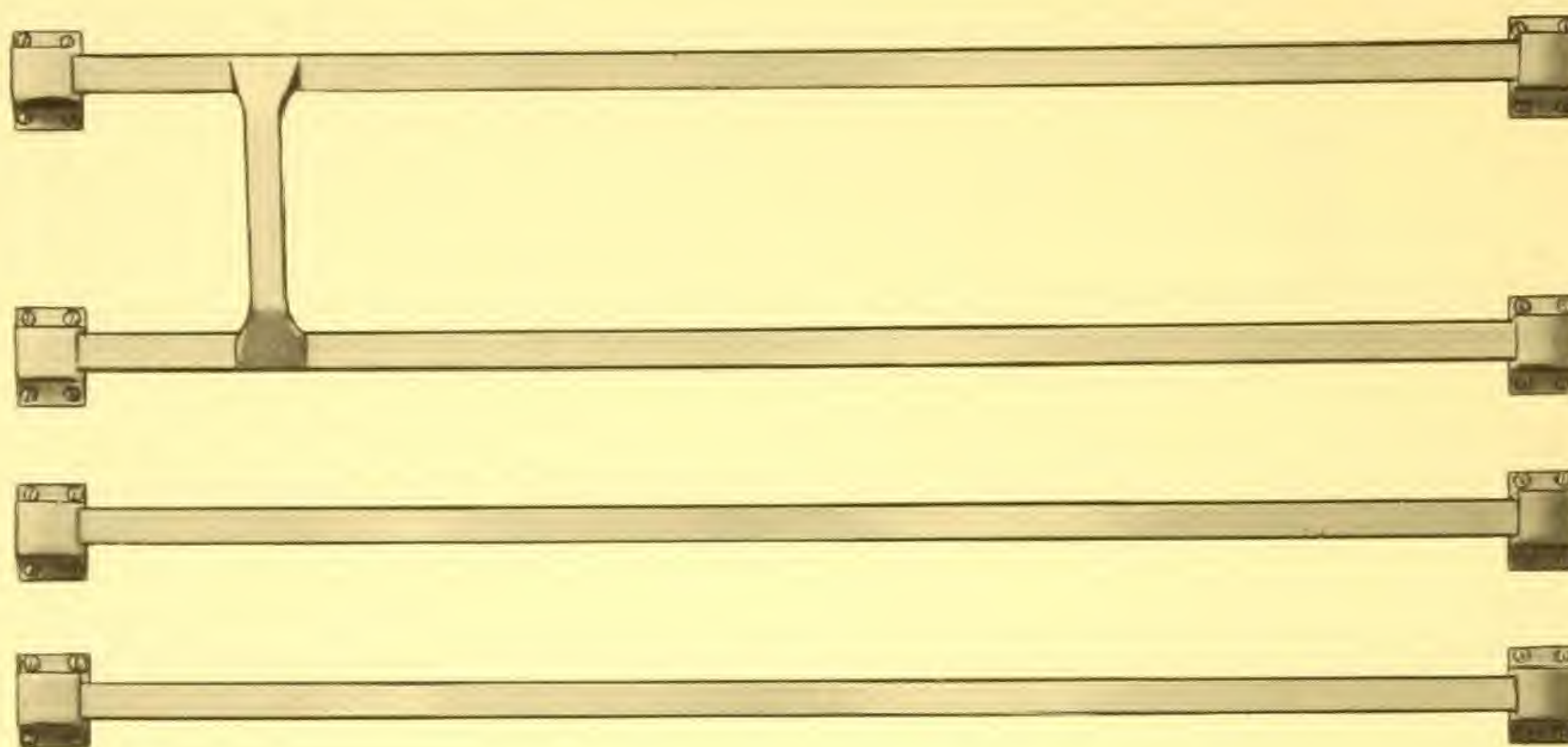
FURNISHED WITH SURFACE SCREWS OR THROUGH BOLTS AS ORDERED

SPECIFY C - C MEASUREMENT AND FINISH REQUIRED

STANDARD OF QUALITY

PUSH AND PULL BARS

3/4" SQUARE TUBING, CAST BRACKETS AND GRIPS
BRASS, BRONZE AND ALUMINUM



SET NO. 1185

182 SINGLE PUSH BAR

185 DOUBLE PULL BAR

1185 SET - 2 PUSH BARS 182 1 PULL BAR 185

182 PUSH BARS Clearance 5/8"
Brackets 1 1/2" x 2 1/4"

Projection 1 5/8"

185 PULL BARS Clearance 5/8"
Height over Grip 2 3/16"

Projection 1 5/8"

C - C Grip 6"

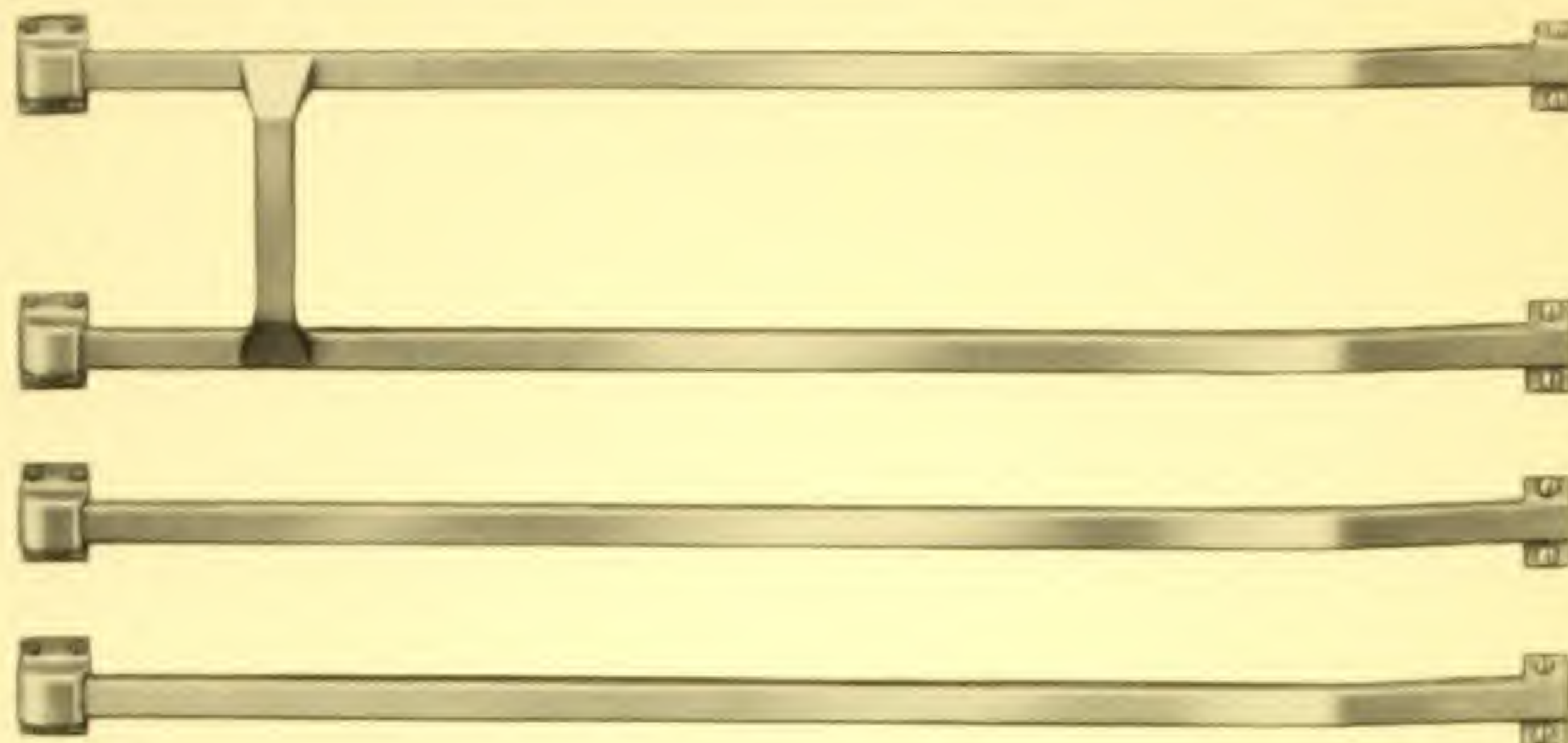
PACKED WITH WOOD SCREWS AND THROUGH BOLTS

		Bronze	Aluminum
182 PUSH BARS 4 in a box	Weight	8.13 lbs.	2.44 lbs.
185 PULL BARS 2 in a box	Weight	1.88 lbs.	5.64 lbs.
1185 SETS 1 set in a box	Weight	3.50 lbs.	10.50 lbs.

STOCK LENGTH 37" C - C

ALL BRACKETS ARE DRILLED TO TEMPLATE
FOR USE ON WOOD OR METAL DOORS

STANDARD OF QUALITY

OFFSET PUSH AND PULL BARS3/4" SQUARE TUBING, CAST BRACKETS AND GRIP
BRASS, BRONZE AND ALUMINUMSET NO. 1185 $\frac{1}{4}$

182 $\frac{1}{4}$ SINGLE PUSH BAR
 185 $\frac{1}{4}$ PULL BAR
 1185 $\frac{1}{4}$ SET - 2 PUSH BARS 182 $\frac{1}{4}$ 1 PULL BAR 185 $\frac{1}{4}$

182 $\frac{1}{4}$ PUSH BAR	Clearance 5/8"	Projection 1 $\frac{5}{8}$ "
	Loose Bracket 1 $\frac{1}{2}$ " x 2 $\frac{1}{4}$ "	Tight Bracket 1" x 2"
185 $\frac{1}{4}$ PULL BAR	Clearance 5/8"	Projection 1 $\frac{5}{8}$ "
	Height over Grip 2 3/16"	C - C Grip 6"
	Offset of Bracket - 6"	

PACKED WITH WOOD SCREWS AND THROUGH BOLTS

	Aluminum	Bronze
182 $\frac{1}{4}$ PULL BARS 4 in a box - Wght.	.63 lbs.	1.89 lbs.
185 $\frac{1}{4}$ PULL BARS 2 in a box - Wght.	2.63 lbs.	7.89 lbs.
1185 $\frac{1}{4}$ SETS 1 set in a box - Wght	3.89 lbs.	11.67 lbs.

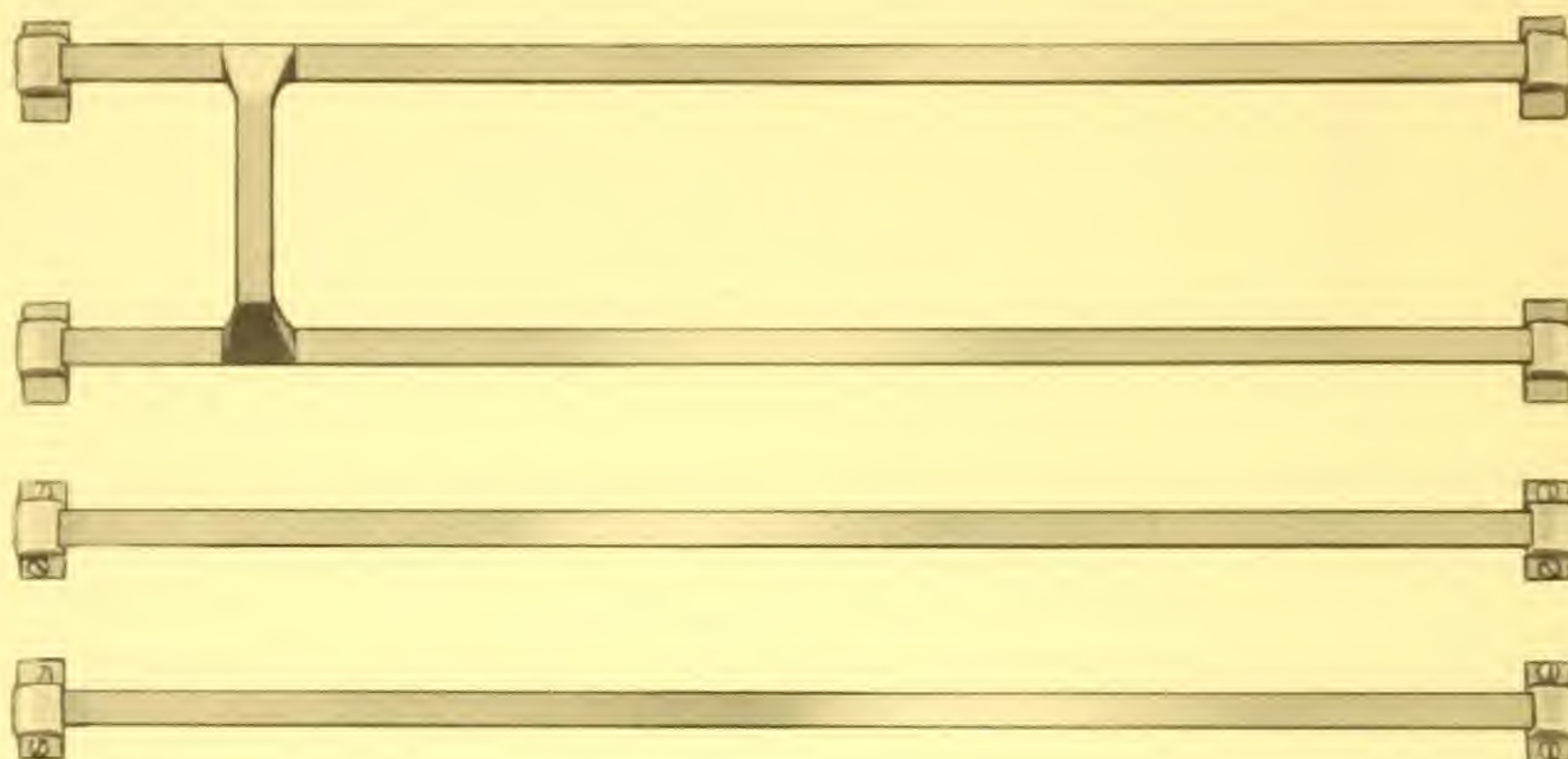
STOCK LENGTH 37" C-C

ALL BRACKETS ARE DRILLED TO TEMPLATE FOR WOOD
OR METAL DOORS.

STANDARD OF QUALITY

NARROW STILE PUSH AND PULL BARS

3/4" SQUARE TUBING, CAST BRACKETS AND GRIP
BRASS, BRONZE AND ALUMINUM



SET NO. 3185

2182 SINGLE PUSH BAR

2185 PULL BAR

3185 SET - 2 PUSH BARS 2182 1 PULL BAR 2185

2182 PUSH BAR Clearance 5/8" Projection 1 5/8"
Brackets 1" x 2 1/4"

2185 PULL BARS Clearance 5/8" Projection 1 5/8"
Height over Grip 2 3/16" C - C Grip 6"

PACKED WITH WOOD SCREWS, MACHINE SCREWS OR THROUGH
BOLTS, AS ORDERED

	Aluminum	Bronze
2182 PUSH BAR 4 in a box - Wght.	.69 lbs.	2.07 lbs.
2185 PULL BAR 2 in a box - Wght.	1.75 lbs.	5.25 lbs.
3185 SET 1 set in a box - Wght.	3.13 lbs.	9.39 lbs.

STOCK LENGTH 37" C-C

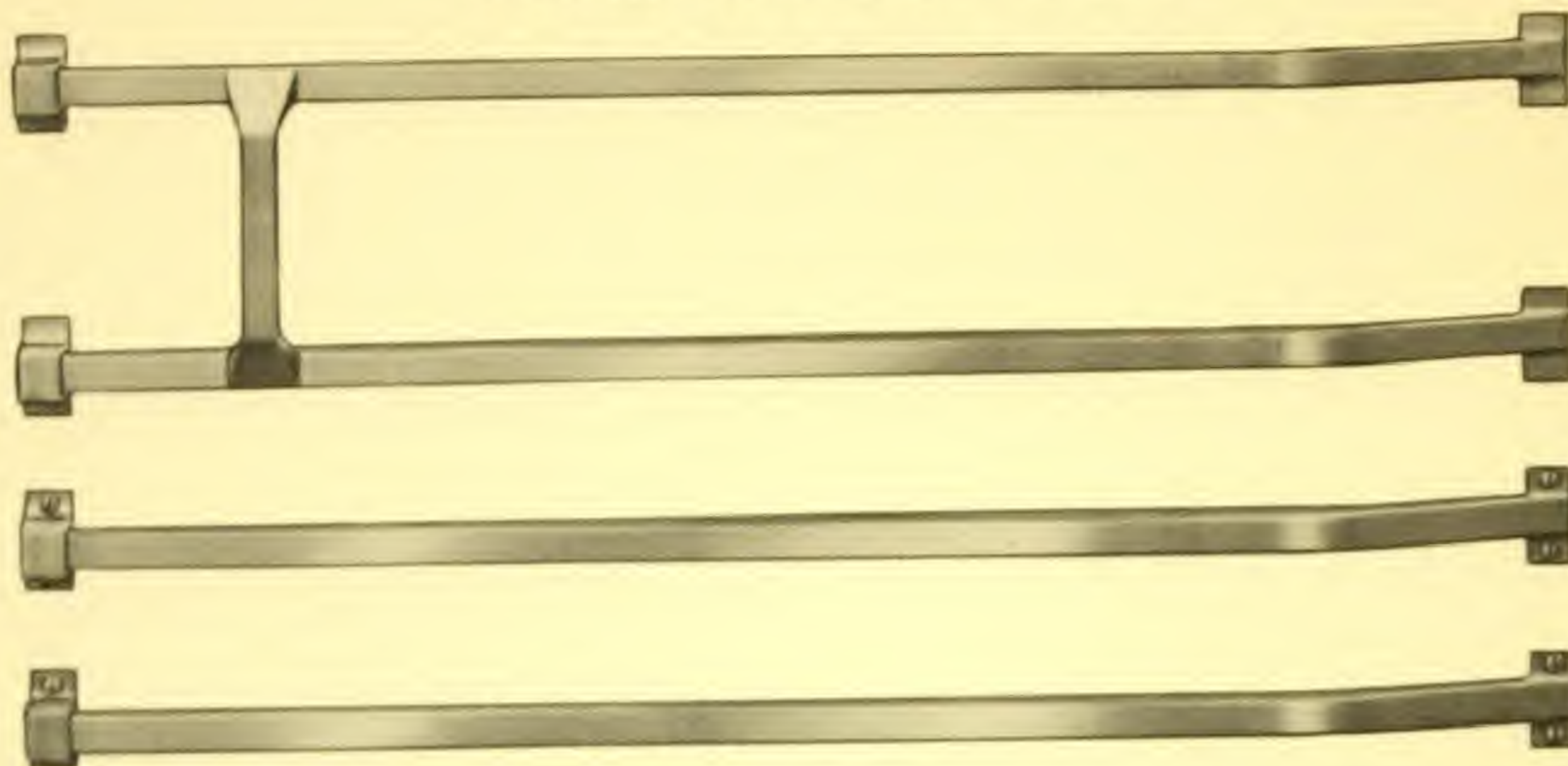
ALL BRACKETS ARE DRILLED TO TEMPLATE FOR USE ON WOOD
OR METAL DOORS.

STANDARD OF QUALITY

OFFSET PUSH AND PULL BARS

3/4" SQUARE TUBING, CAST BRACKETS AND GRIP
BRASS, BRONZE AND ALUMINUM

FOR NARROW STILE DOORS



SET NO. 3185 $\frac{1}{4}$

2182 $\frac{1}{4}$ SINGLE PUSH BAR

2185 $\frac{1}{4}$ PULL BAR

3185 $\frac{1}{4}$ SET - 2 PUSH BARS 2182 $\frac{1}{4}$ 1 PULL BAR 2185 $\frac{1}{4}$

2182 $\frac{1}{4}$ PUSH BAR Clearance 5/8"
Brackets 1 $\frac{5}{8}$ " x 2 $\frac{1}{4}$ "

Projection 1 $\frac{5}{8}$ "

2185 $\frac{1}{4}$ PULL BAR Clearance 5/8"
Height over Grip 2 3/16"
Offset 6"

Projection 1 $\frac{5}{8}$ "
C - C Grip 6"

PACKED WITH WOOD SCREWS, MACHINE SCREWS OR THROUGH
BOLTS AS ORDERED

	Aluminum	Bronze
2182 $\frac{1}{4}$ PUSH BAR 4 in a box - Wght.	.69 lbs.	2.07 lbs.
2185 $\frac{1}{4}$ PULL BAR 2 in a box - Wght.	1.75 lbs.	5.25 lbs.
3185 $\frac{1}{4}$ SET 1 set in a box - Wght.	3.13 lbs.	9.39 lbs.

STOCK LENGTH 37" C-C

ALL BRACKETS ARE DRILLED TO TEMPLATE FOR USE ON WOOD
OR METAL DOORS.

STANDARD OF QUALITY

PUSH AND PULL BARS

1" SQUARE TUBING, CAST BRACKETS AND GRIPS
BRASS, BRONZE AND ALUMINUM



SET NO. 1186

183 SINGLE PUSH BAR
186 DOUBLE PULL BAR
1186 SET - 2 PUSH BARS 183 1 PULL BAR 186

183 PUSH BARS Clearance 1/2" Projection 1 3/4"
Brackets 1 1/2" x 2 1/4"
186 PULL BARS Clearance 1/2" Projection 1 3/4"
Height over Grip 2 5/16"

PACKED WITH WOOD SCREWS AND THROUGH BOLTS

		Aluminum	Bronze
183 PUSH BARS 4 in a box	Weight	1.13 lbs.	3.39 lbs.
186 PULL BARS 2 in a box	Weight	2.63 lbs.	7.89 lbs.
1186 SETS - 1 set in a box	Weight	10.88 lbs.	32.64 lbs.

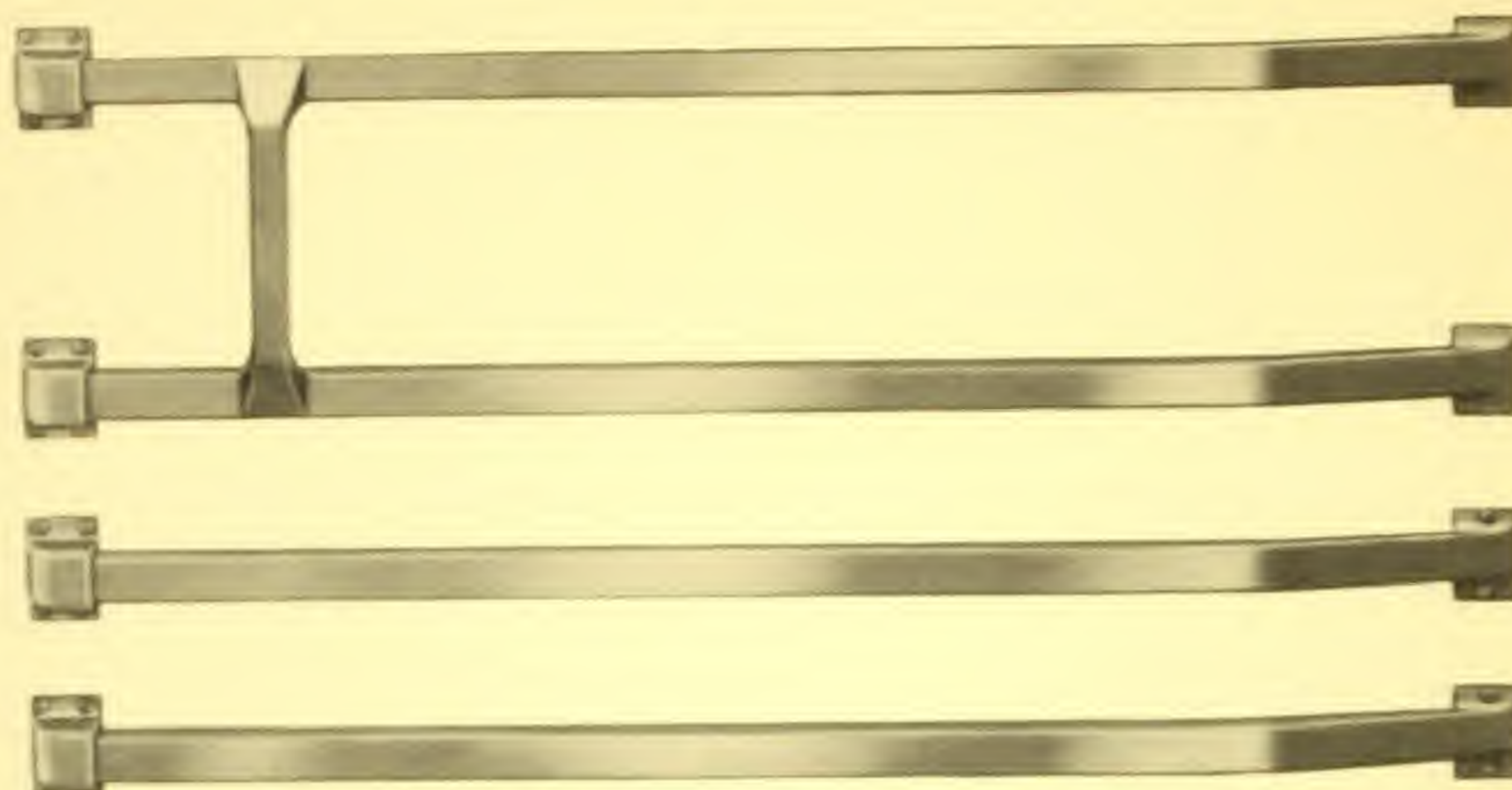
STOCK LENGTH 37" C - C

ALL BRACKETS ARE DRILLED TO TEMPLATE
FOR USE ON WOOD OR METAL DOORS

STANDARD OF QUALITY

OFFSET PUSH AND PULL BARS

1" SQUARE TUBING - CAST BRACKETS AND GRIP
BRASS, BRONZE AND ALUMINUM

SET NO. 1186 $\frac{1}{4}$

183 $\frac{1}{4}$ SINGLE PUSH BAR
186 $\frac{1}{4}$ PULL BAR
1186 $\frac{1}{4}$ SET - 2 PUSH BARS 183 $\frac{1}{4}$ 1 PULL BAR 186 $\frac{1}{4}$

183 $\frac{1}{4}$ PUSH BAR	Clearance 7/8"	Projection 1 $\frac{1}{2}$ "
	Loose Bracket 1 9/16" x 2 5/16"	
	Tight Bracket 1 1/2" x 2 1/16"	
186 $\frac{1}{4}$ PULL BAR	Clearance 1 15/16"	
	Height over Grip 2 3/8"	Grip 7"
	Offset of Bracket 6 3/4"	

PACKED WITH WOOD SCREWS, MACHINE SCREWS OR THROUGH
BOLTS AS ORDERED

	Aluminum	Bronze
183 $\frac{1}{4}$ PUSH BARS 4 in a box - Wght.	1.31 lbs.	3.93 lbs.
186 $\frac{1}{4}$ PULL BARS 2 in a box - Wght.	3.00 lbs.	9.00 lbs.
1186 $\frac{1}{4}$ SETS 1 set in a box - Wght.	5.62 lbs.	16.86 lbs.

STOCK LENGTH 37" C-C

ALL BRACKETS ARE DRILLED TO TEMPLATE FOR WOOD AND METAL
DOORS

STANDARD OF QUALITY

PUSH AND PULL BARS

1/2" X 1 1/2" TUBING, CAST BRACKETS AND GRIPS
BRASS, BRONZE AND ALUMINUM



SET NO. 1199

198 SINGLE PUSH BAR
199 DOUBLE PULL BAR
1199 SET - 2 PUSH BARS 198 1 PULL BAR 199

198 PUSH BARS Clearance 1 1/16" Projection 1 9/16"
Brackets 1 9/16" x 2 3/4"
199 PULL BARS Clearance 1 9/16" Projection 1 9/16"
HEIGHT OVER GRIP 2 3/8" C - C Grip 8 5/8"

PACKED WITH WOOD SCREWS AND THROUGH BOLTS.

		Aluminum	Bronze
198 PUSH BARS 4 in a box	Weight	1.13 lbs.	3.39 lbs.
199 PULL BARS 2 in a box	Weight	3.75 lbs.	11.25 lbs.
1199 SETS 1 set in a box	Weight	5.50 lbs.	16.50 lbs.

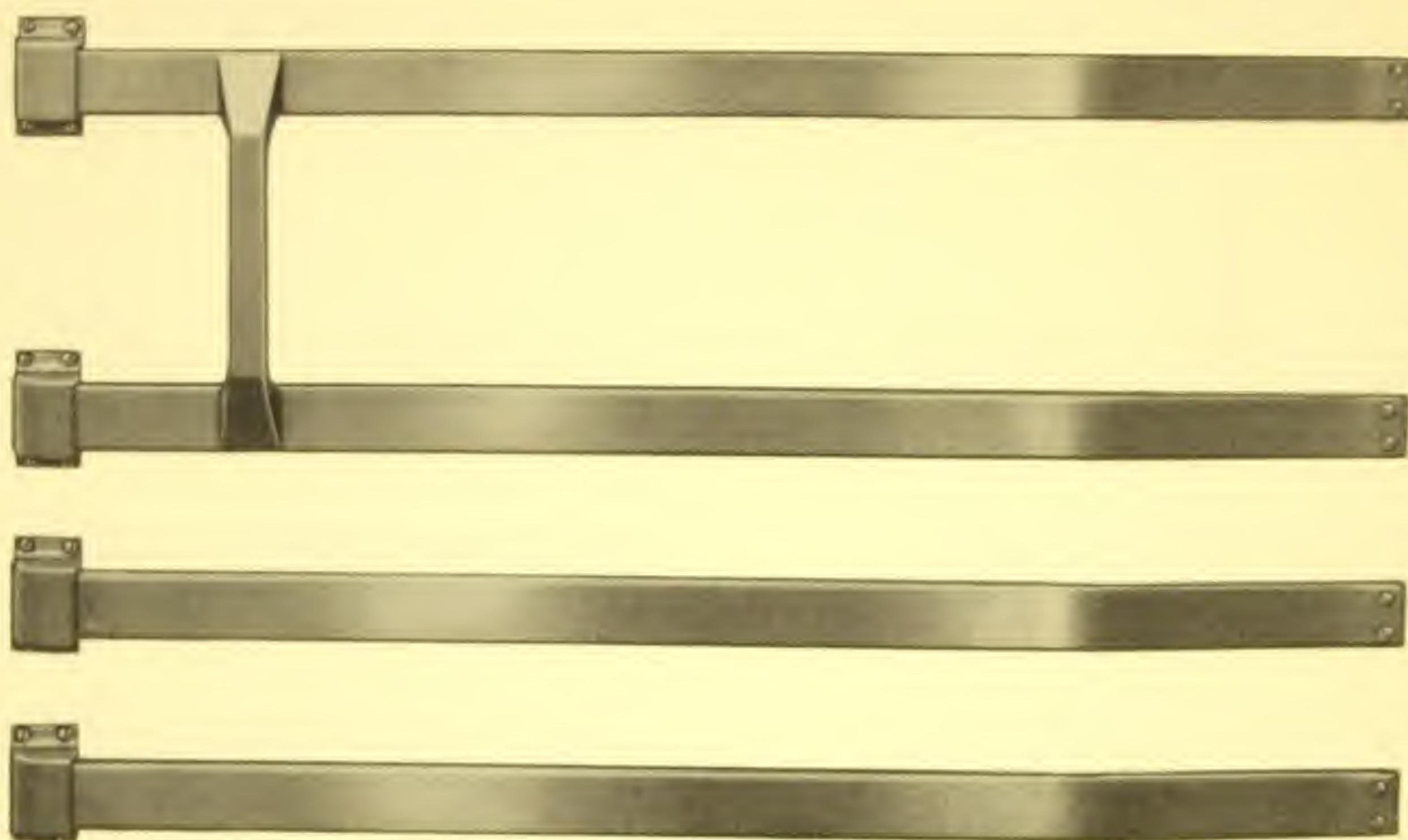
STOCK LENGTH 37" C - C

ALL BRACKETS ARE DRILLED TO TEMPLATE
FOR USE ON WOOD OR METAL DOORS

STANDARD OF QUALITY

OFFSET PUSH AND PULL BARS

1/2" x 1 1/2" SOLID BAR STOCK - CAST BRACKETS
BRASS, BRONZE AND ALUMINUM



SET NO. 1199 1/4

198 1/4 SINGLE PUSH BAR
199 1/4 DOUBLE PULL BAR
1199 SET - 2 PUSH BARS 198 1/4 1 PULL BAR 199 1/4

198 1/4 PUSH BAR Clearance 7/8" Projection 1 1/2"
Brackets 1 1/2" x 2 3/4" Offset 7 1/2"
199 1/4 PULL BAR Clearance 1 13/16" C - C Grip 8"
Height over Grip 2 5/16" Offset of Bracket 4 3/4"

PACKED WITH WOOD SCREWS AND THROUGH BOLTS

	Aluminum	Bronze
198 1/4 PUSH BARS 4 in a box - Wght.	2.44 lbs.	7.32 lbs.
199 1/4 PULL BARS 2 in a box - Wght.	10.25 lbs.	31.65 lbs.
1199 1/4 SET 1 set in a box - Wght.	15.13 lbs.	45.39 lbs.

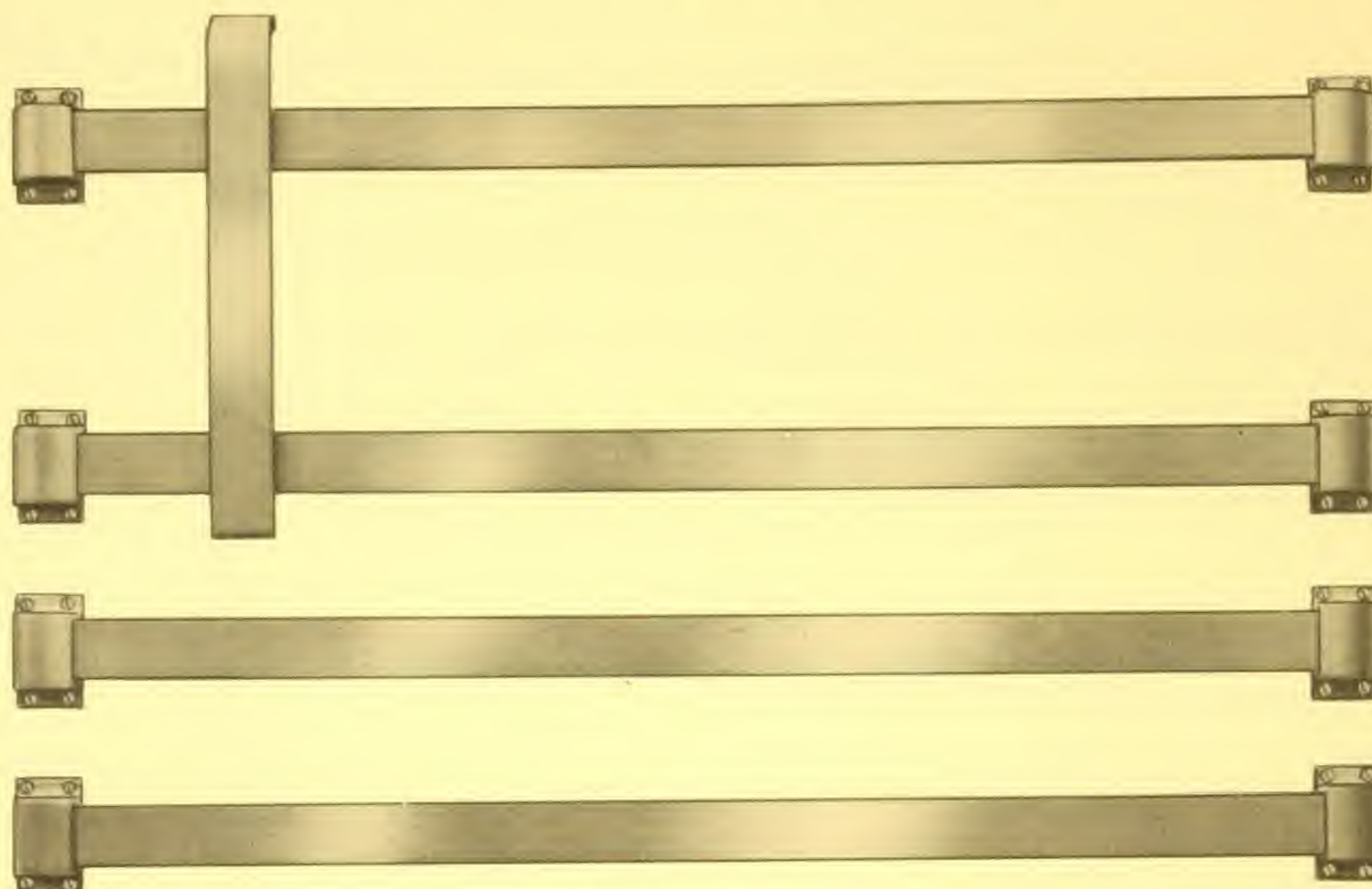
STOCK LENGTH 37" C - C

ALL BRACKETS ARE DRILLED TO TEMPLATE FOR USE ON WOOD
OR METAL DOORS.

STANDARD OF QUALITY

PUSH AND PULL BARS

1/2" x 1 1/2" TUBING - CAST BRACKETS
BRASS, BRONZE AND ALUMINUM



SET NO. 1515

198 SINGLE PUSH BAR
515 DOUBLE PULL BAR
1515 SET - 1 PULL BAR 515 2 PUSH BARS 198

198 PUSH BARS	Clearance 13/16"	Projection 1 9/16"
	Brackets 1 9/16" x 2 3/4"	
515 PULL BARS	Clearance 13/16"	Projection 1 9/16"
	Height over Grip 2 5/8"	C - C 8" - Size 1 9/16"

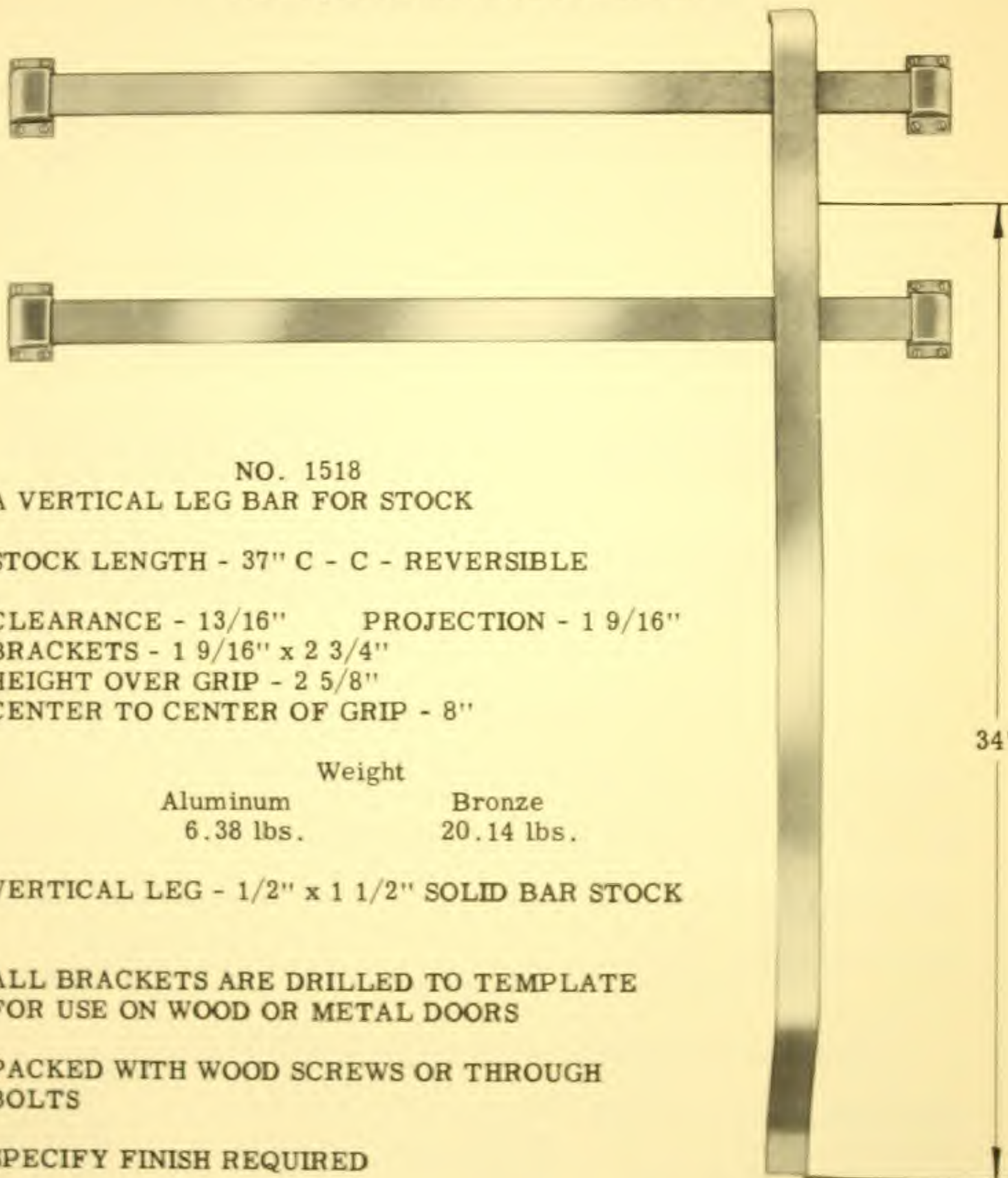
PACKED WITH WOOD SCREWS AND THROUGH BOLTS

		Aluminum	Brass & Bronze
198 PUSH BARS	4 in a box	Weight 1.25 lbs.	3.34 lbs.
515 PULL BARS	2 in a box	Weight 3.50 lbs.	10.50 lbs.
1515 SETS	1 set in a box	Weight 6.00 lbs.	18.00 lbs.

STOCK LENGTH 37" C-C

ALL BRACKETS ARE DRILLED TO TEMPLATE
FOR USE ON WOOD OR METAL DOORS

STANDARD OF QUALITY

PUSH AND PULL BAR**1/2" x 1 1/2" TUBING - SQUARE BRACKETS
BRASS, BRONZE AND ALUMINUM**

NO. 1518

A VERTICAL LEG BAR FOR STOCK

STOCK LENGTH - 37" C - C - REVERSIBLE

CLEARANCE - 13/16" PROJECTION - 1 9/16"

BRACKETS - 1 9/16" x 2 3/4"

HEIGHT OVER GRIP - 2 5/8"

CENTER TO CENTER OF GRIP - 8"

Weight

Aluminum
6.38 lbs.Bronze
20.14 lbs.

VERTICAL LEG - 1/2" x 1 1/2" SOLID BAR STOCK

ALL BRACKETS ARE DRILLED TO TEMPLATE
FOR USE ON WOOD OR METAL DOORSPACKED WITH WOOD SCREWS OR THROUGH
BOLTS

SPECIFY FINISH REQUIRED

STANDARD OF QUALITY

PUSH AND PULL BARS

7/8" ROUND TUBING

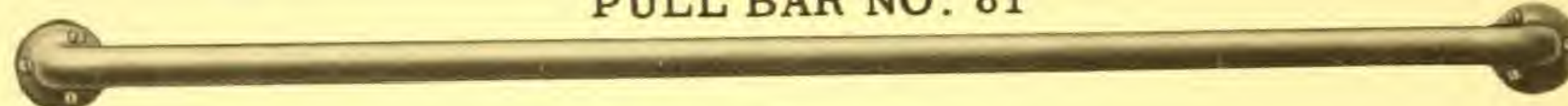
BRASS, BRONZE, NICKEL SILVER AND ALUMINUM



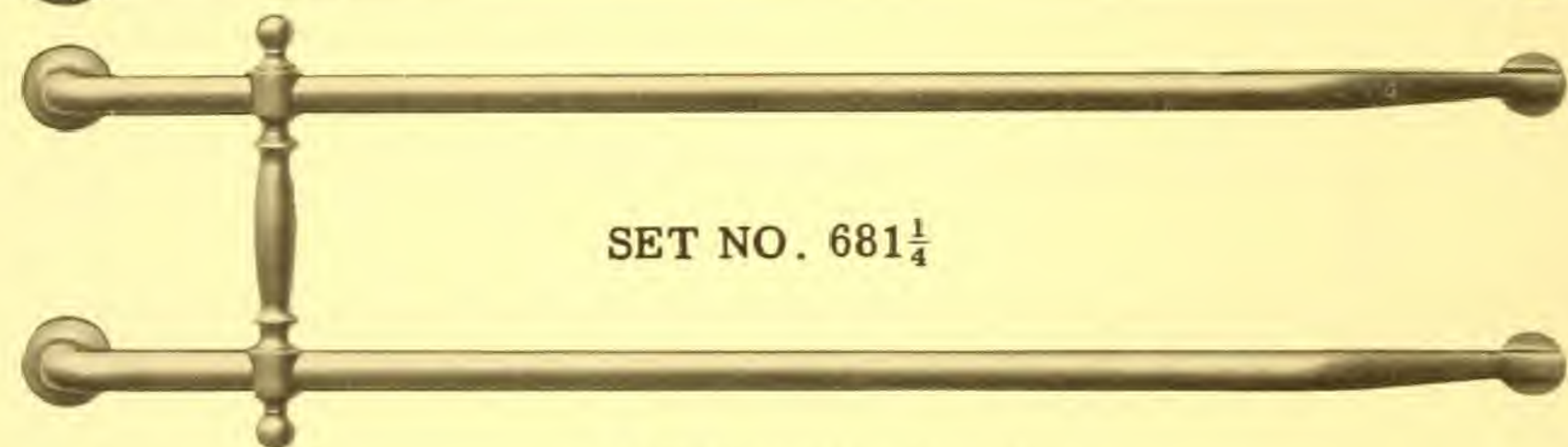
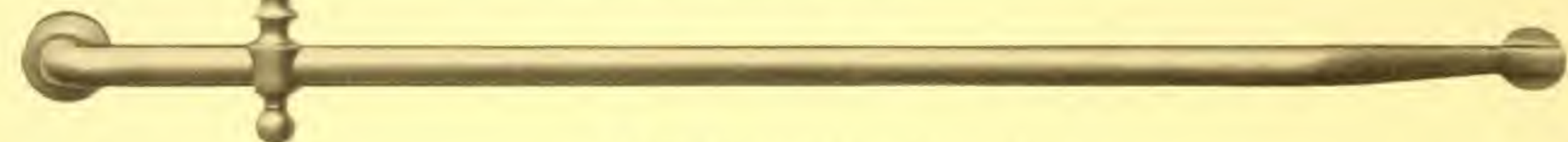
SET NO. 681



PULL BAR NO. 81



PUSH BAR NO. 80


SET NO. 681 $\frac{1}{4}$

PULL BAR NO. 81 $\frac{1}{4}$

PUSH BAR NO. 80 $\frac{1}{4}$

Bases, 2", Clearance, 7/8", Grip, 9 3/8", Spacing, 6", Projection 2", Offset Brackets 7".

PACKED WITH WOOD SCREWS OR THROUGH BOLTS

Weights 31" C - C

	Aluminum	Bronze
681	3.50 lbs.	10.50 lbs.
81	2.00 lbs.	6.00 lbs.
80	.75 lbs.	2.25 lbs.
681 $\frac{1}{4}$	4.00 lbs.	12.00 lbs.
81 $\frac{1}{4}$	2.25 lbs.	6.75 lbs.
80 $\frac{1}{4}$.88 lbs.	2.64 lbs.

SPECIFY C-C MEASUREMENT, THICKNESS OF DOORS AND FINISH

STANDARD OF QUALITY

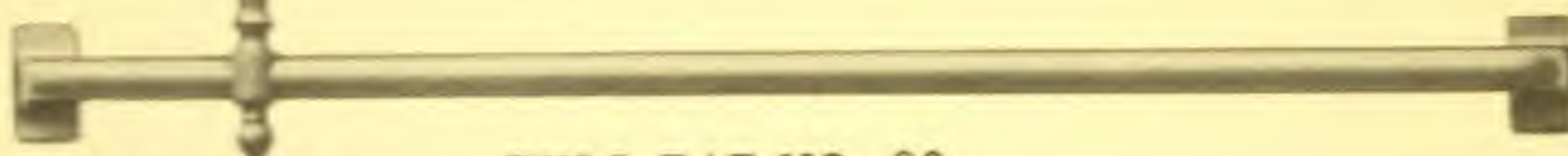
PUSH AND PULL BARS

7/8" ROUND TUBING

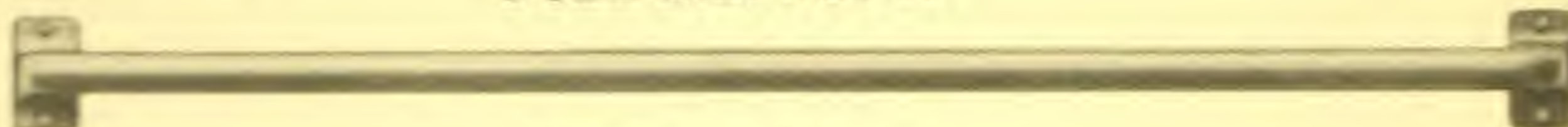
BRASS, BRONZE AND ALUMINUM



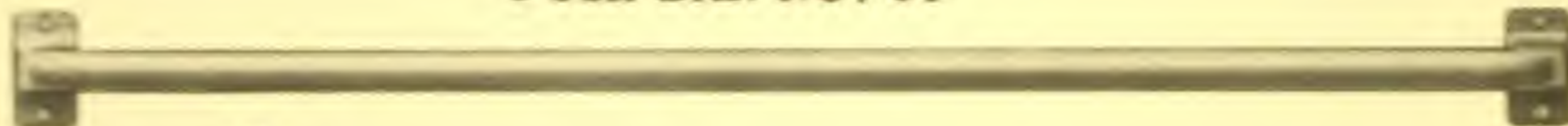
SET NO. 686

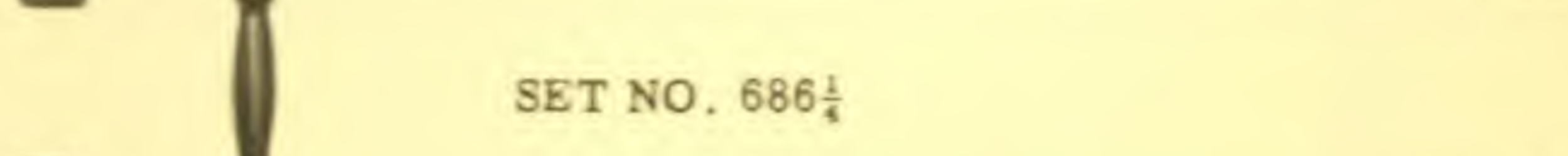


PULL BAR NO. 86



PUSH BAR NO. 84


SET NO. 686 $\frac{1}{4}$

PULL BAR NO. 86 $\frac{1}{4}$

PUSH BAR NO. 84 $\frac{1}{4}$

Bases, 2", Clearance, 7/8", Grip, 9 3/8", Spacing, 6", Projection, 2",
Offset Brackets, 7", Brackets 1 3/8" x 2 1/2"

PACKED WITH WOOD SCREWS OR THROUGH BOLTS

Weights 31" C - C

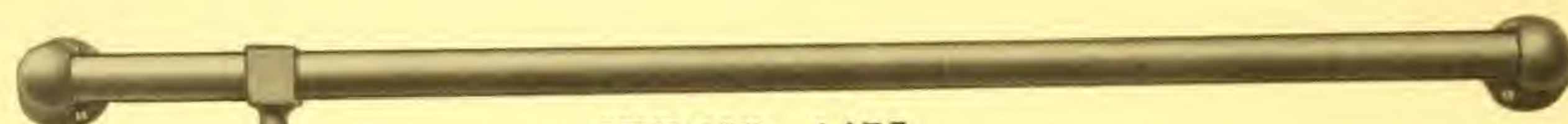
	Aluminum	Bronze
686	3.50 lbs.	10.50 lbs.
86	2.00 lbs.	6.00 lbs.
84	.75 lbs.	2.25 lbs.
686 $\frac{1}{4}$	4.00 lbs.	12.00 lbs.
86 $\frac{1}{4}$	2.25 lbs.	6.75 lbs.
84 $\frac{1}{4}$.88 lbs.	2.64 lbs.

SPECIFY C-C MEASUREMENT, THICKNESS OF DOORS AND FINISH

STANDARD OF QUALITY

PUSH AND PULL BARS

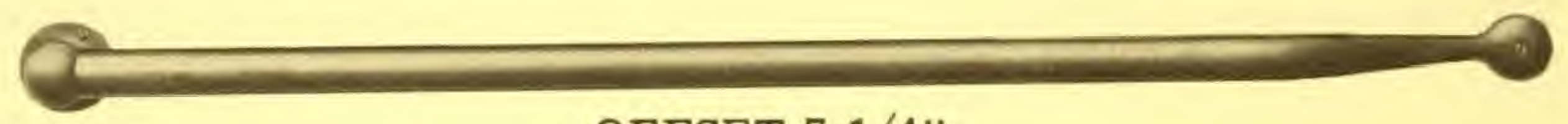
1" ROUND TUBING
BRASS, BRONZE AND ALUMINUM



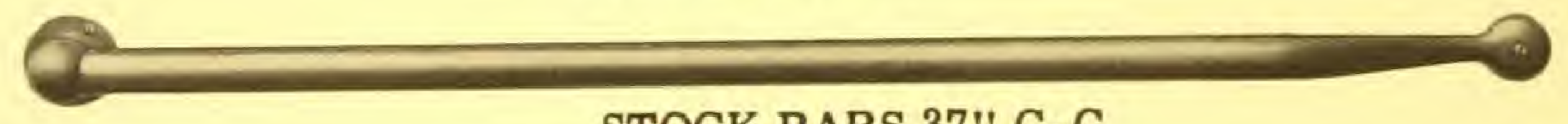
SET NO. 1475

PULL BAR NO. 475

PUSH BAR NO. 470



OFFSET 7 1/4"



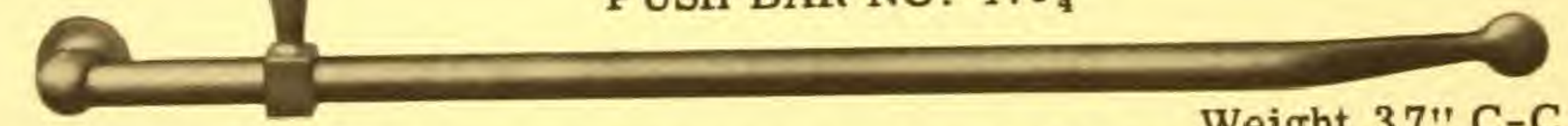
STOCK BARS 37" C-C



SET NO. 1475 1/4

PULL BAR NO. 475 1/4

PUSH BAR NO. 470 1/4



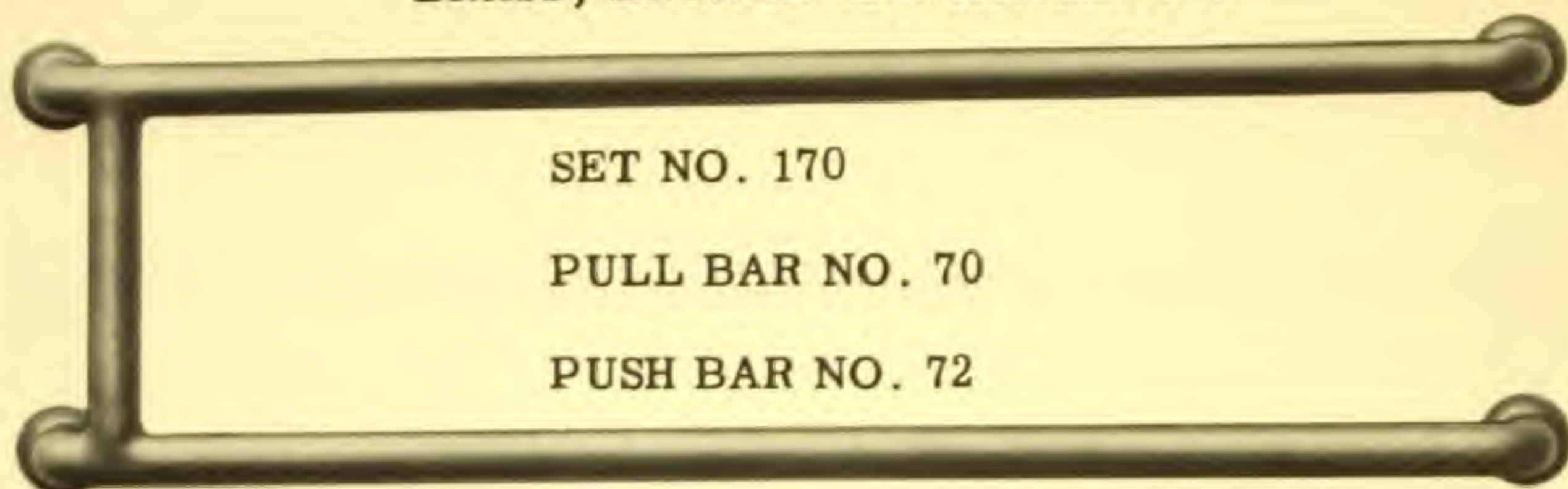
NO.	BASES	HEIGHT	CLEARANCE	SPACING	Weight 37" C-C		Pack
					Bronze	Aluminum	
1475	2"	2 1/2"	-		11.07 lbs.	3.69 lbs.	1
475	2"	2 1/2"	1 1/16"	8"	7.89 lbs.	2.63 lbs.	4
470	2"	2 1/2"	1 1/4"		2.46 lbs.	.82 lbs.	4
1475 1/4	2"	2 1/2"			14.43 lbs.	4.81 lbs.	1
475 1/4	2"	2 1/2"	-	8"	8.07 lbs.	2.69 lbs.	4
470 1/4	2"	2 1/2"	-		3.18 lbs.	1.06 lbs.	4

FURNISHED WITH SURFACE SCREWS OR THROUGH BOLTS.
SPECIFY FINISH, C-C MEASUREMENT AND THICKNESS OF DOORS.

STANDARD OF QUALITY

PUSH AND PULL BARS

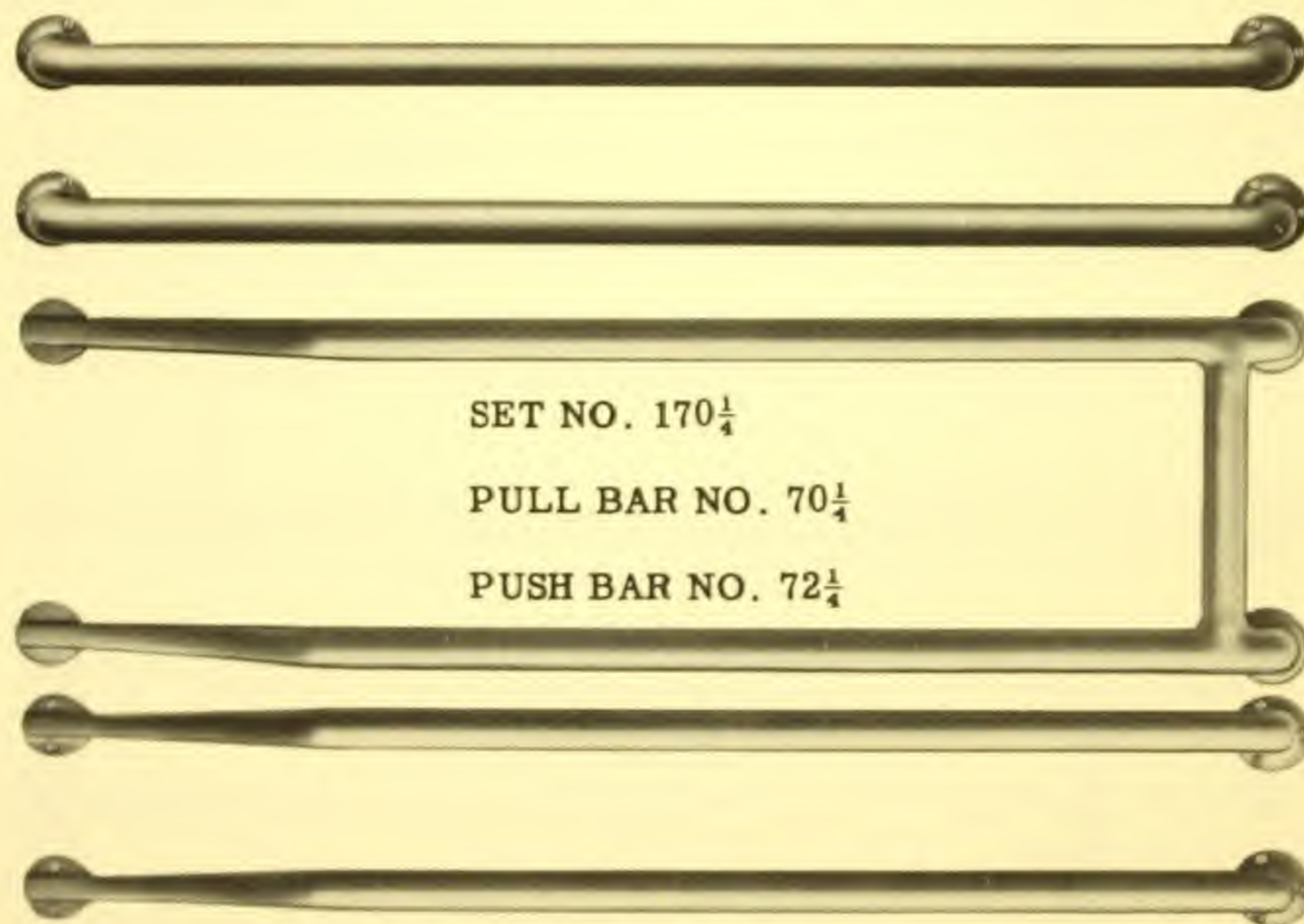
1 1/8" ROUND TUBING
BRASS, BRONZE AND ALUMINUM



SET NO. 170

PULL BAR NO. 70

PUSH BAR NO. 72



SET NO. 170 1/4

PULL BAR NO. 70 1/4

PUSH BAR NO. 72 1/4

NO.	BASES	HEIGHT	OFFSET 8"		Weight 31" C-C	
			CLEARANCE	SPACING	Bronze	Aluminum
170	2"	2 3/16"	1 1/16"		11.23 lbs.	3.74 lbs.
70	2"	2 3/16"	1 1/16"	8"	5.98 lbs.	1.99 lbs.
72	2"	2 3/16"	1 1/16"		2.63 lbs.	.88 lbs.
170 1/4	2"	2 3/16"	1 1/16"		14.75 lbs.	4.92 lbs.
70 1/4	2"	2 3/16"	1 1/16"	8"	8.25 lbs.	2.75 lbs.
72 1/4	2"	2 3/16"	1 1/16"		3.25 lbs.	1.08 lbs.

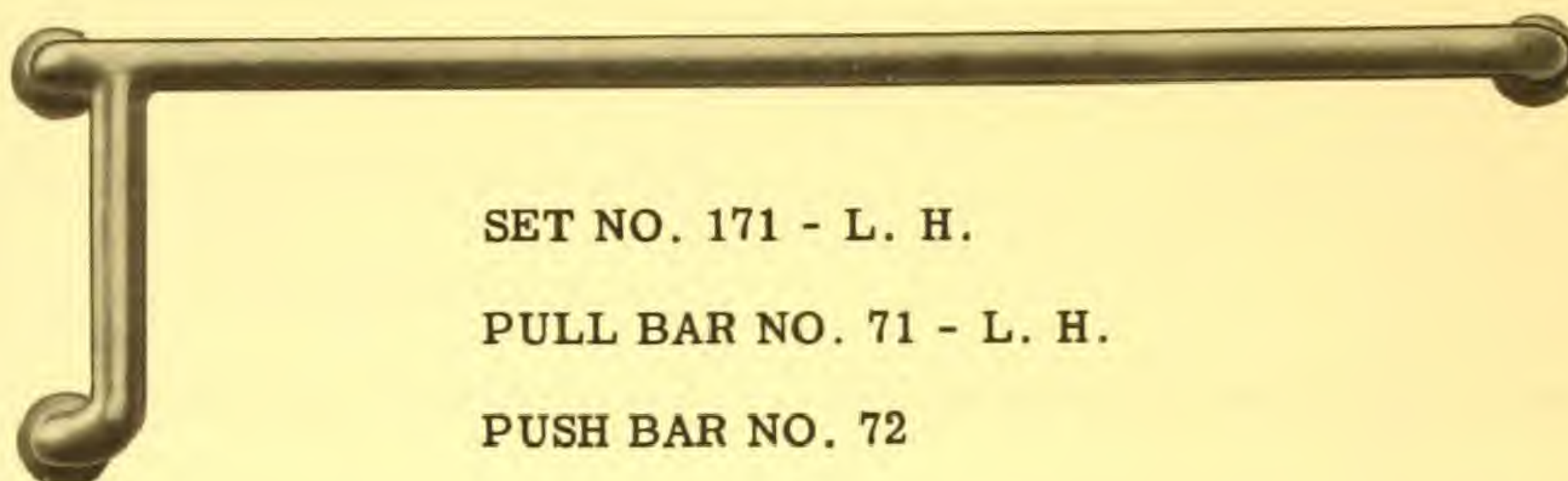
FURNISHED WITH SURFACE SCREWS OR THROUGH BOLTS.

SPECIFY FINISH, C-C MEASUREMENT AND THICKNESS OF DOORS.

STANDARD OF QUALITY

PUSH AND PULL BARS

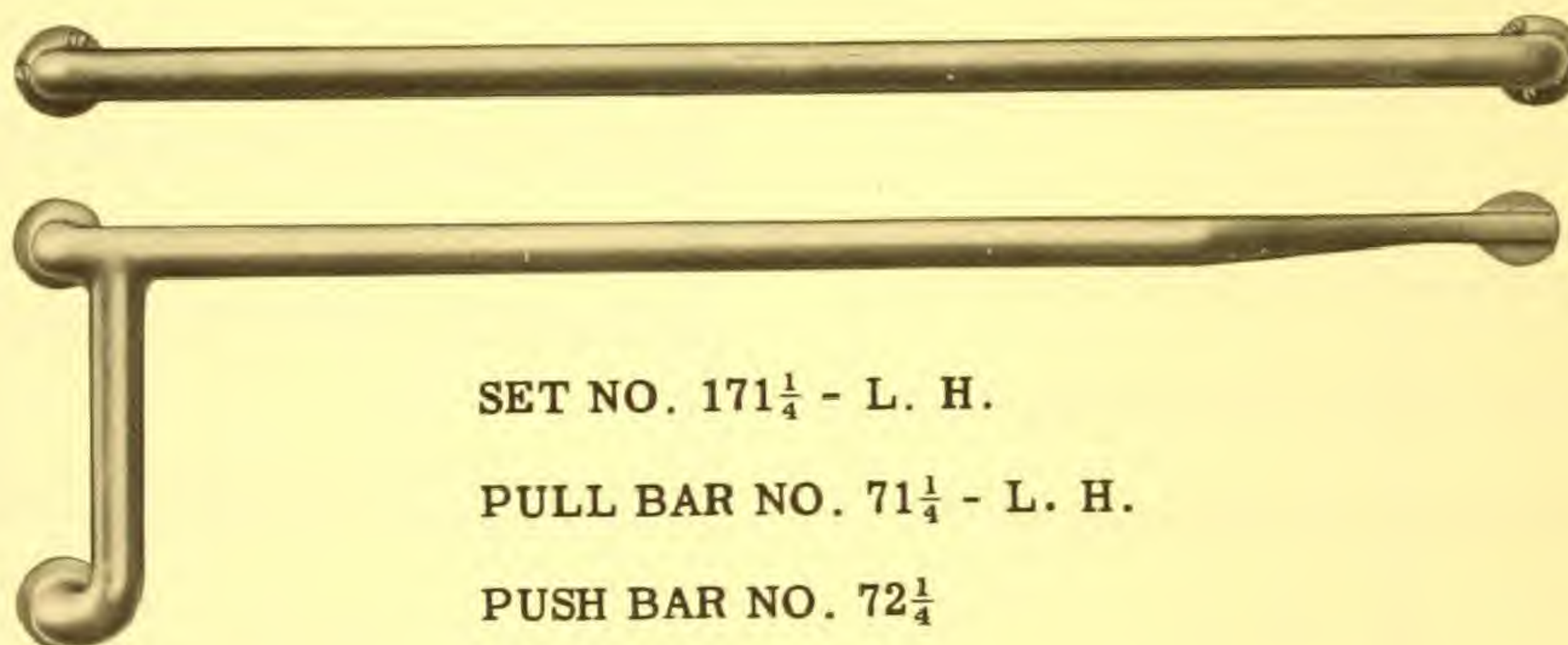
1 1/8" ROUND TUBING
BRASS, BRONZE AND ALUMINUM



SET NO. 171 - L. H.

PULL BAR NO. 71 - L. H.

PUSH BAR NO. 72



SET NO. 171 1/4 - L. H.

PULL BAR NO. 71 1/4 - L. H.

PUSH BAR NO. 72 1/4

OFFSET 8"

NO.	BASES	HEIGHT	CLEARANCE	SPACING	Weight 31" C-C	
					Bronze	Aluminum
171	2"	2 3/16"	1 1/16"		6.61 lbs.	2.21 lbs.
71	2"	2 3/16"	1 1/16"	8"	3.98 lbs.	1.33 lbs.
72	2"	2 3/16"	1 1/16"		2.63 lbs.	.88 lbs.
171 1/4	2"	2 3/16"	1 1/16"		7.75 lbs.	2.58 lbs.
71 1/4	2"	2 3/16"	1 1/16"	8"	4.50 lbs.	1.50 lbs.
72 1/4	2"	2 3/16"	1 1/16"		3.25 lbs.	1.08 lbs.

FURNISHED WITH SURFACE SCREWS OR THROUGH BOLTS.

SPECIFY FINISH, CENTER TO CENTER MEASUREMENT AND DOOR THICKNESS.

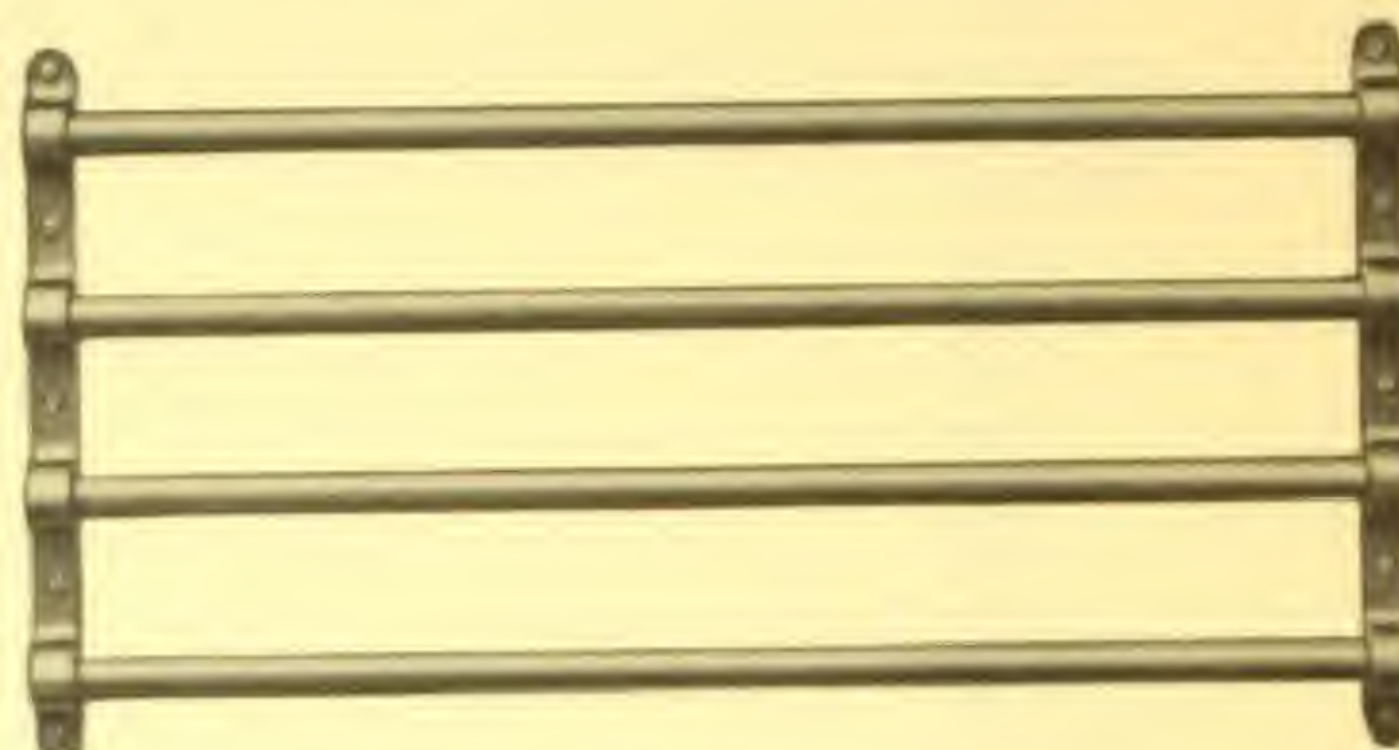
STANDARD OF QUALITY

SCREEN DOOR GUARDS

BRASS, BRONZE AND ALUMINUM



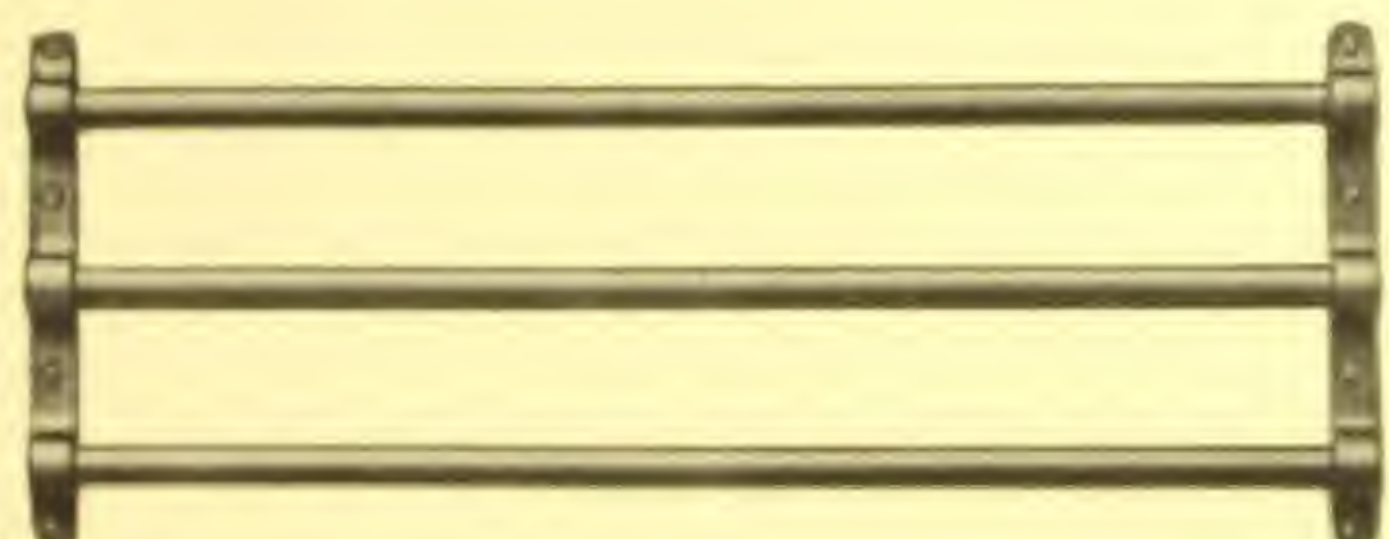
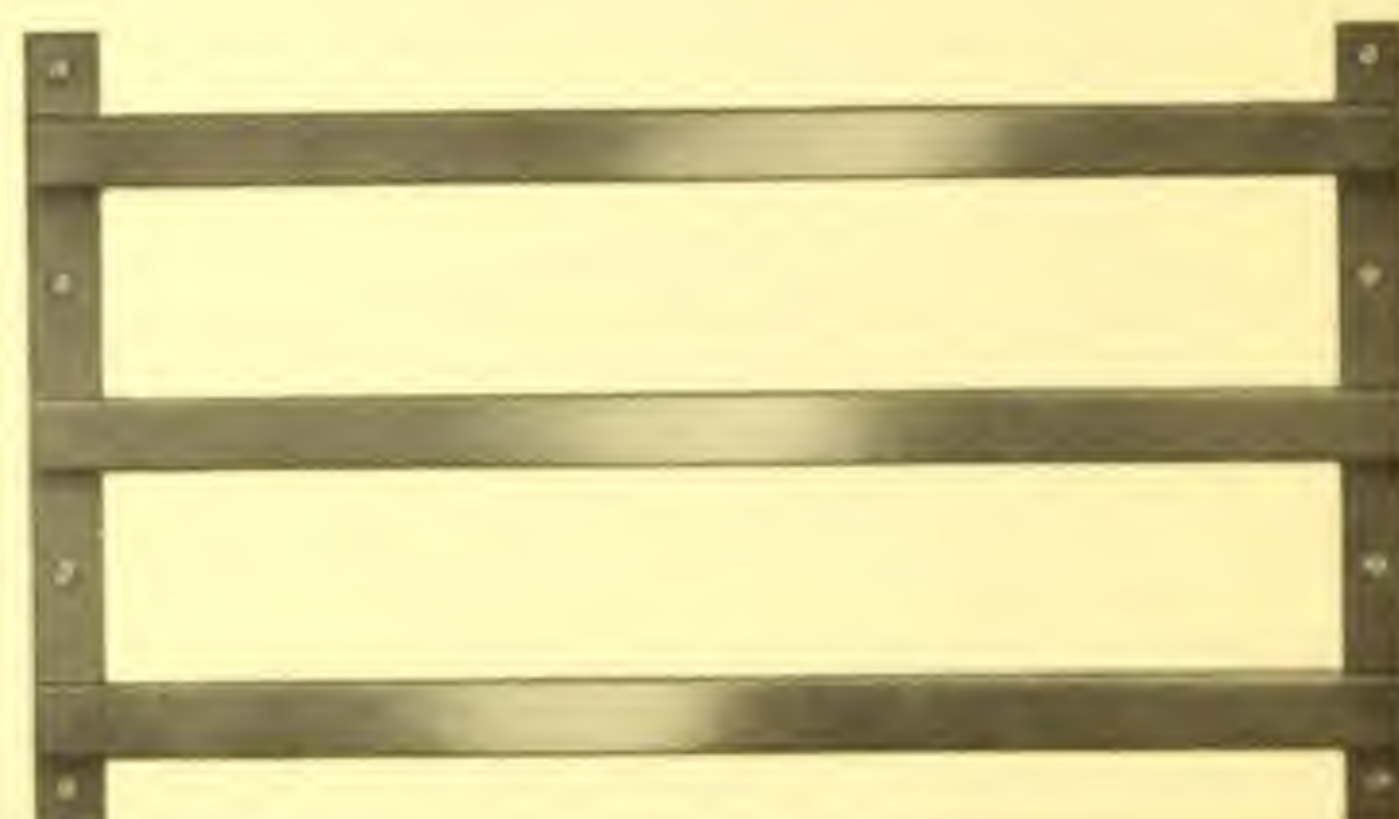
NO. 1



NO. 4



NO. 2



NO. 3

STOCK SIZE 36"

NO. 43

NOS.	1	2	3	4	43
TUBING	5/8"	5/8"	5/8"	5/8"	3/8" x 1" Bar
BRAX.	2 3/8" x 3/4"	5" x 3/4"	7 1/2" x 3/4"	10" x 3/4"	11 1/4" x 1"
PROJ.	1 1/16"	1 1/16"	1 1/16"	1 1/16"	1/2"
CLEAR.	1/4"	1/4"	1/4"	1/4"	3/16"
UNIT PKG.	6	3	2	1	1
WGHT. - Alum.	.56	1.12	1.75	2.38	4.94 lbs.
Brass	1.68	3.36	5.25	7.14	14.82 lbs.

ABOVE BARS FURNISHED WITH SURFACE SCREWS.
WHEN REQUIRED WITH THROUGH BOLTS, ADD 1/2 TO
NUMBER. SEE PRICE LIST

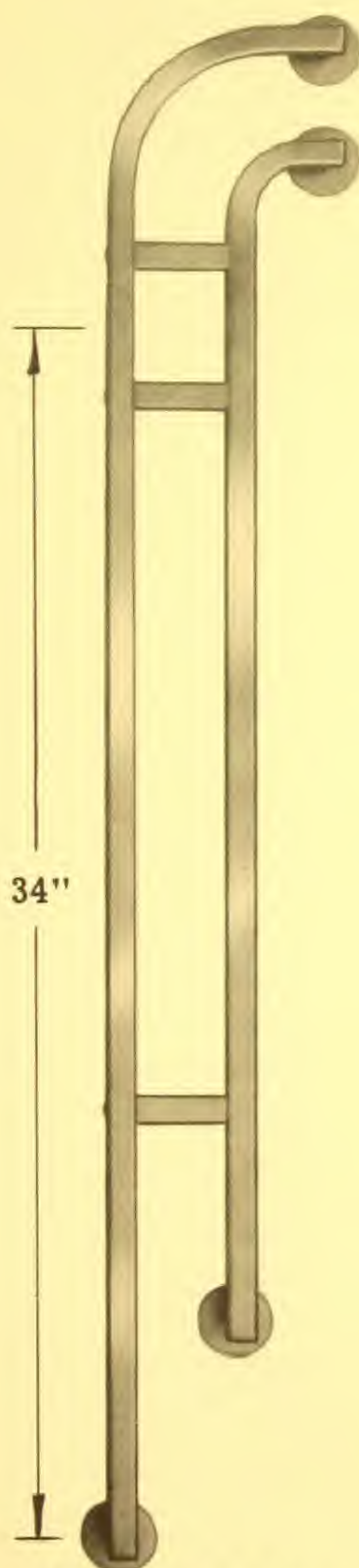
TUBING BARS ARE NOT RECOMMENDED FOR DOORS OVER
36" WIDE.

BRASS AND BRONZE TUBING, .035 - ALUMINUM TUBING, .065

STANDARD OF QUALITY

EXTENSION LEG DOOR PULLS

SOLID BAR STOCK
BRASS, BRONZE AND ALUMINUM



NO. 7510 - RH

7510 - 3/4" SQUARE SOLID BAR
STOCK

BASES - 2"
PROJECTION - 2"
CLEARANCE - 1 1/4"
SPACING - 2 1/2"
WEIGHT

Bronze 15.75 lbs.
Aluminum 5.25 lbs.

7111 - 3/8" x 1 1/4" SOLID BAR
STOCK

TOP PLATE - 1 1/2" x 9"
BOTTOM PLATE - 1 1/2" x 2 1/2"
PUSH PLATE - 6" x 6 3/4"
PROJECTION - 2 1/8"
CLEARANCE - 1 3/8"
WEIGHT

Bronze 11.46 lbs.
Aluminum 3.82 lbs.

SPECIFY HAND, FINISH,
THICKNESS OF DOORS,
SURFACE SCREWS OR
THROUGH BOLTS.



NO. 7111 - RH

STANDARD OF QUALITY

EXTENSION LEG DOOR PULLS

SOLID BAR STOCK
BRASS, BRONZE AND ALUMINUM



154MS - RH

NO. 154ML - 1/2" x 1 1/2" HEAVY DUTY
TOP PLATE - 2" x 13" x 3/16"
BOTTOM PLATE - 2" x 3" x 3/16"
CLEARANCE - 1 1/2"
SPACING - 8"
BACKSET OF GRIP - 4 1/2"
HEIGHT - 2 1/4"

NO. 154MR - 3/8" x 1 1/2"
TOP PLATE - 2" x 13" x 3/16"
BOTTOM PLATE - 2" x 3" x 3/16"
CLEARANCE - 1 1/2"
SPACING - 8"
BACKSET OF GRIP - 4 1/2"
HEIGHT - 2 1/8"

NO. 154MS - 3/8" x 1 1/4"
BACK PLATES 1 1/2" x 2 1/2"
CLEARANCE - 1 5/8"
SPACING - 6 1/4"
BACKSET OF GRIP - 4 1/4"
HEIGHT - 2"

Weights

	Aluminum	Bronze
154ML	5.88 lbs.	17.64 lbs.
154MR	4.00 lbs.	12.00 lbs.
154MS	2.63 lbs.	7.89 lbs.

FURNISHED WITH THROUGH BOLTS,
SURFACE SCREWS, AS ORDERED.
WHEN ORDERED BACK TO BACK, SEX
BOLTS WILL BE FURNISHED.



154ML - RH

154MR - RH

SPECIFY CENTER TO CENTER MEASUREMENT, THICKNESS OF DOORS
AND FINISH.

STANDARD OF QUALITY

EXTENSION LEG DOOR PULLS

BRASS, BRONZE AND ALUMINUM



720MD
LH

NO. 720MD

LENGTH - 43"

OFFSET - 1 1/2"

PROJECTION - 2 7/8"

CLEARANCE - 1 1/2"

GRIP - Metal - 1" Solid Bar Stock

BACK PLATES - 2" x 3"

WEIGHT

Aluminum	Bronze
4.81 lbs.	14.44 lbs.

ONE IN A PACKAGE

30 1/2"

NO. 722MD

LENGTH - 43"

OFFSET - 1 1/2"

PROJECTION - 2 7/8"

CLEARANCE - 1 3/8"

GRIP - Metal - 1 1/4" Solid Bar Stock

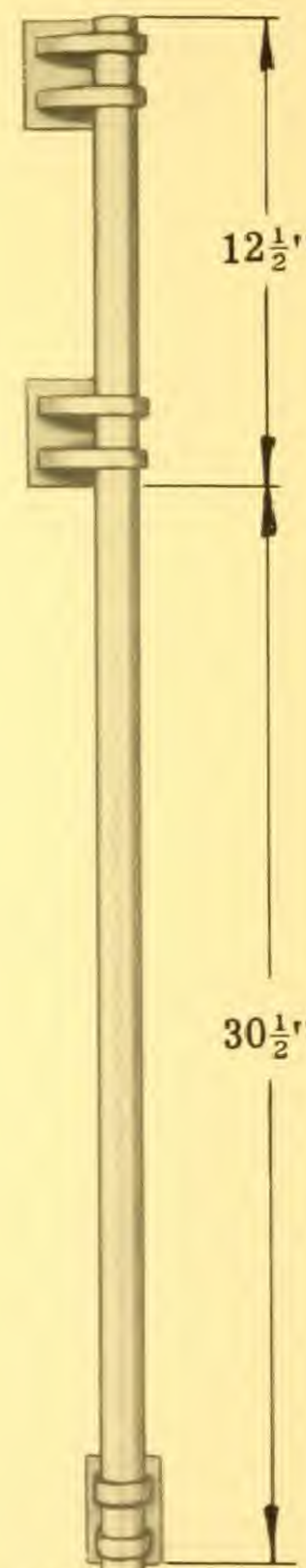
BACK PLATES -

WEIGHT

Aluminum	Bronze
8.88 lbs.	26.67 lbs.

FOR SURFACE SCREWS ADD 1/2 TO
NUMBER

SPECIFY FINISH, HAND AND THICKNESS
OF DOOR



722MD
LH

12 1/2"

30 1/2"

STANDARD OF QUALITY

EXTENSION LEG DOOR PULLS

BRASS, BRONZE AND ALUMINUM

723MD
LH

NO. 723MD

LENGTH - 43"
 OFFSET - 1 1/2"
 PROJECTION - 2 7/8"
 CLEARANCE - 1 1/2"
 GRIP - Lucite - 1 1/4"
 BACK PLATE - 2" x 3"

WEIGHT

Aluminum	Bronze
3.50 lbs.	10.50 lbs.

ONE IN A PACKAGE

NO. 723MH

LENGTH - 43 1/2"
 OFFSET - 2 3/4"
 PROJECTION - 3 1/2"
 CLEARANCE - 1 5/8"
 GRIP - Tubing - 1 1/2"
 TOP PLATE - 3" x 11 1/2"
 BOTTOM PLATE - 1 1/2" x 3"

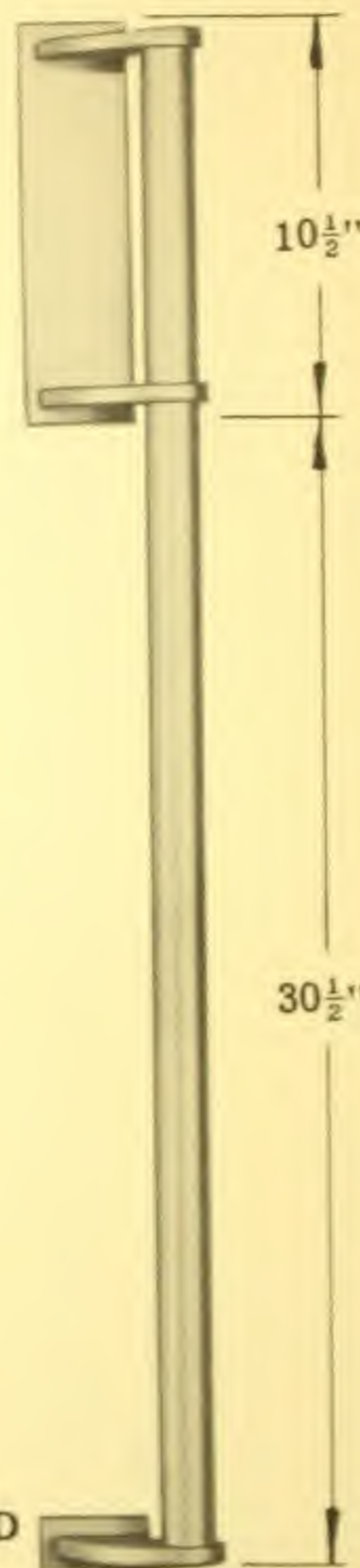
WEIGHT

Aluminum	Bronze
7.25 lbs.	21.75 lbs.

ONE IN A PACKAGE

FOR SURFACE SCREW ATTACHMENT ADD
 1/2 TO NUMBER

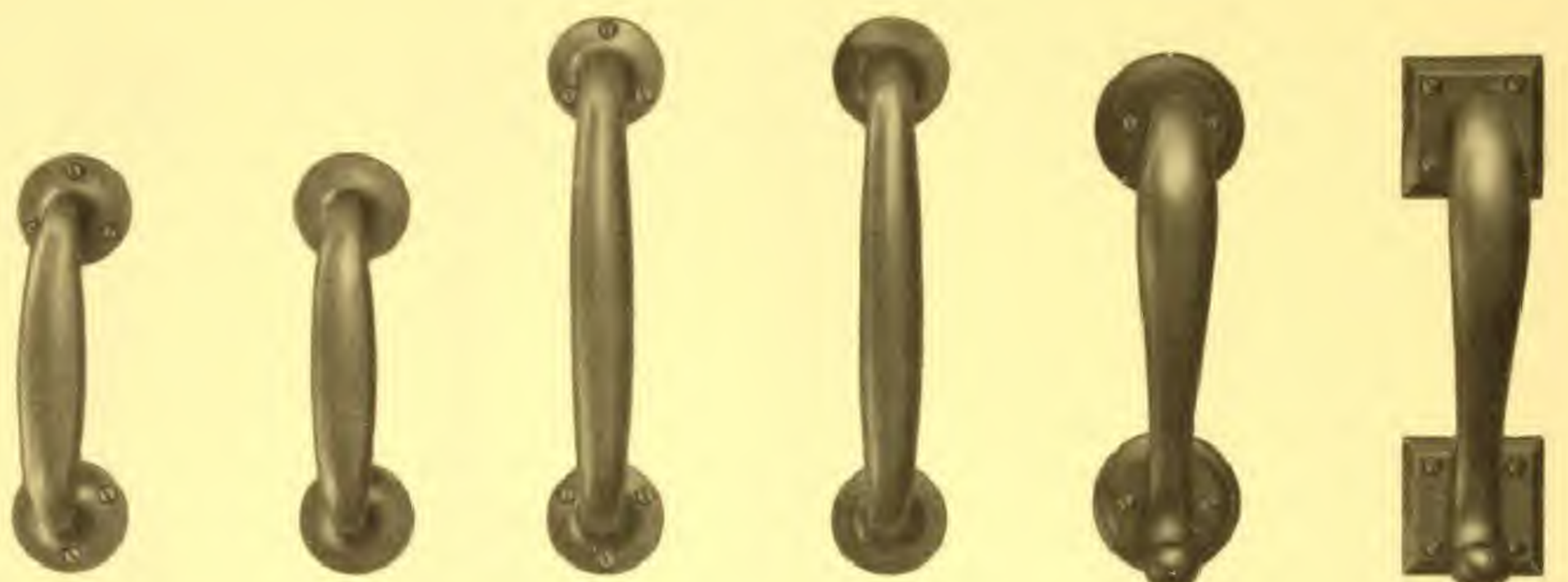
SPECIFY FINISH, HAND AND THICKNESS
 OF DOOR

723MH
LH

STANDARD OF QUALITY

DOOR PULLS

CAST BRASS, BRONZE AND ALUMINUM
WITH THROUGH BOLTS


735 $\frac{1}{2}$

735

741 $\frac{1}{2}$

741

700CM

700WB

NO.	SIZE	CLEAR.	PROJ.	C-C	WEIGHT	
					Bronze	Aluminum
735 $\frac{1}{2}$	2" x 7 1/8"	1 $\frac{5}{8}$ "	2 1/8"	5 $\frac{1}{4}$ "	1.14 lbs.	.38 lbs.
735	2" x 7 1/8"	1 $\frac{5}{8}$ "	2 1/8"	5 $\frac{1}{4}$ "	1.14 lbs.	.38 lbs.
741 $\frac{1}{2}$	2" x 9 1/2"	1 $\frac{1}{4}$ "	2 1/2"	7 $\frac{5}{8}$ "	2.25 lbs.	.75 lbs.
741	2" x 9 1/2"	1 $\frac{1}{4}$ "	2 1/2"	7 $\frac{5}{8}$ "	2.25 lbs.	.75 lbs.
700CM	2 $\frac{1}{2}$ " x 9"	2 $\frac{1}{4}$ "	2 7/8"	6 $\frac{1}{2}$ "	1.82 lbs.	.61 lbs.
700WB	2 $\frac{3}{8}$ " x 8 7/8"	2 $\frac{1}{4}$ "	2 7/8"	6 $\frac{1}{2}$ "	2.00 lbs.	.67 lbs.

PACKED ONE IN A BOX

FOR SURFACE SCREWS ADD 1/2 TO NUMBER

SPECIFY FINISH REQUIRED AND THICKNESS OF DOORS

STANDARD OF QUALITY

SECTIONAL DOOR PULLS

BRASS, BRONZE, ALUMINUM AND STAINLESS STEEL
WITH THROUGH BOLTS



700MN



700PM



700PB



700ML



700PR

WITH NO. 75 GRIPS - 3/4" SOLID BAR STOCK

NO.	SIZE	BASES	HEIGHT	CLEAR	C-C	PACK
700MN	2" x 10 $\frac{1}{2}$ "	2" x 3 $\frac{1}{4}$ "	3 $\frac{1}{4}$ "	1 $\frac{3}{4}$ "	7 $\frac{3}{8}$ "	1
700PM	1 7/8" x 10"	1 7/8" x 2 $\frac{3}{4}$ "	3 $\frac{1}{4}$ "	1 $\frac{3}{4}$ "	7 $\frac{3}{8}$ "	1
700PB	2 $\frac{1}{2}$ " x 9 $\frac{3}{4}$ "	2 $\frac{1}{2}$ " x 2 $\frac{1}{2}$ "	3 $\frac{1}{4}$ "	1"	7"	1
700ML	2" x 9 $\frac{3}{8}$ "	2"	3 $\frac{1}{4}$ "	1"	7"	1
700PR	2" x 9 $\frac{3}{8}$ "	2"	3 $\frac{1}{4}$ "	1"	7"	1

FOR SURFACE SCREWS ADD 1/2 TO NUMBER

WEIGHT

	Aluminum	Bronze
700ML	.67 lb.	2.00 lbs.
700PM	.75 lb.	2.25 lbs.
700PB	.73 lb.	2.17 lbs.
700ML	.67 lb.	2.00 lbs.
700PR	.67 lb.	2.00 lbs.

STANDARD OF QUALITY

DOOR PULLS

BRASS, BRONZE AND ALUMINUM
WITH THROUGH BOLTS


710MB



710MN



712PR



710PR



714PR

NO.	SIZE	BASES	C-C	PROJ.	CLEAR.	PACK
714PR	1" x 16"	2"	11"	2 3/8"	1 3/8"	1
710PR	1 1/8" x 16"	2"	11"	2 1/2"	1 3/8"	1
712PR	1" x 16"	3" x 15"	11"	2 9/16"	1 3/8"	1
*710MN	1 1/4" x 16"	2"	11"	2"	1 3/8"	1
710MB	1" x 12"	2 1/8"	11"	2 5/8"	1"	1

FOR SURFACE SCREWS ADD 1/2 TO NUMBER

	Weight	
	Bronze	Aluminum
714PR	4.38 lbs.	1.46 lbs.
710PR	5.42 lbs.	1.82 lbs.
712PR	7.98 lbs.	2.66 lbs.
710MN	6.00 lbs.	2.00 lbs.
710MB	1.59 lbs.	.53 lbs.

SPECIFY FINISH AND THICKNESS OF DOOR

* MADE IN ALUMINUM ONLY

STANDARD OF QUALITY

DOOR PULLS

BRASS, BRONZE AND ALUMINUM
WITH THROUGH BOLTS


712MD



713MD



715MD



714MD

NO.	GRIP	BASES	PROJ.	CLEAR.	C-C	OFFSET	PACK
712MD	1"	2" x 3"	2 $\frac{3}{4}$ "	1 3/8"	10"	1 $\frac{1}{2}$ "	1
713MD	1 $\frac{1}{4}$ "	2" x 3"	2 $\frac{3}{4}$ "	1 5/16"	10"	1 $\frac{1}{2}$ "	1
*715MD	1 $\frac{1}{4}$ "	2" x 3"	2 $\frac{3}{4}$ "	1 5/16"	10"	1 $\frac{1}{2}$ "	1
714MD	1 $\frac{1}{4}$ "	2" x 3"	2 $\frac{3}{4}$ "	1 5/16"	10"	1 $\frac{1}{2}$ "	1

SIZE OVER ALL 2" x 13"

FOR SURFACE SCREWS ADD 1/2 TO NUMBER

*LUCITE

WEIGHT

	Bronze	Aluminum
712MD	6.00 lbs.	2.00 lbs.
713MD	7.32 lbs.	2.44 lbs.
715MD	3.32 lbs.	2.20 lbs.
714MD	7.68 lbs.	2.56 lbs.

SPECIFY FINISH AND THICKNESS OF DOORS

STANDARD OF QUALITY

DOOR PULLS

SOLID BAR STOCK
BRASS, BRONZE AND ALUMINUM



4034 $\frac{1}{2}$
OFFSET 2"



4032 $\frac{1}{2}$
OFFSET 2"



4030
OFFSET 2 $\frac{1}{4}$ "

NO.	SIZE	GRIP	BACK PLATE	C-C	PROJ.	CLEAR.	PACK.
4034 $\frac{1}{2}$	1 $\frac{3}{4}$ " x 11"	1" x 11"	1" x 11 13/16"	9"	2 3/8"	1 1/2"	1
*4032 $\frac{1}{2}$	1 $\frac{3}{4}$ " x 11"	1" x 11"	1" x 11 13/16"	9"	2 3/16"	1 1/2"	1
*4030	3 $\frac{3}{8}$ " x 10"	1 $\frac{1}{4}$ " x 10"	1" x 10"	8"	2 3/16"	3/4"	1

FOR SURFACE SCREWS ADD 1/2 TO NUMBER

ANY OF THE ABOVE PULLS MAY BE HAD WITH LONGER GRIPS
AND BACK PLATES AT AN ADVANCE IN PRICE.

WHEN FURNISHED WITH THROUGH BOLTS, SEX BOLTS WILL
BE SUPPLIED.

WEIGHTS

NO.	Bronze	Aluminum
4034 $\frac{1}{2}$	4.32 lbs.	1.44 lbs.
4032 $\frac{1}{2}$	2.64 lbs.	.88 lbs.
4030	3.96 lbs.	1.32 lbs.

*4032 $\frac{1}{2}$ AND 4030 GRIPS ARE MADE OF LUCITE

SPECIFY FINISH AND THICKNESS OF DOORS

STANDARD OF QUALITY

DOOR PULLS

BRASS, BRONZE, ALUMINUM AND STAINLESS STEEL
WITH THROUGH BOLTS



218



219



220



217



205



209

NO.	SIZE	GRIP NO.	C-C	PROJ.	CLEAR.	PACK
218	2" x 14"	75	7 3/8"	2 1/2"	1 11/16"	1
219	2" x 14"	75	7 1/2"	2 1/2"	1 11/16"	1
220	2" x 14"	75	7 1/2"	2 1/2"	1 11/16"	1
217	7 1/2" x 15"	75	7 1/2"	2 1/2"	1 1/2"	1
*205	7 1/2" x 15"	76	11"	2 1/2"	1 3/16"	1
*209		76	11"	2 1/2"	1 3/16"	1

*GRIPS ON NO. 205 AND NO. 209 HAVE FOUR STUDS FOR EXTRA STRENGTH
FOR DOOR PULLS WITH SURFACE SCREWS ADD 1/2 TO NUMBER

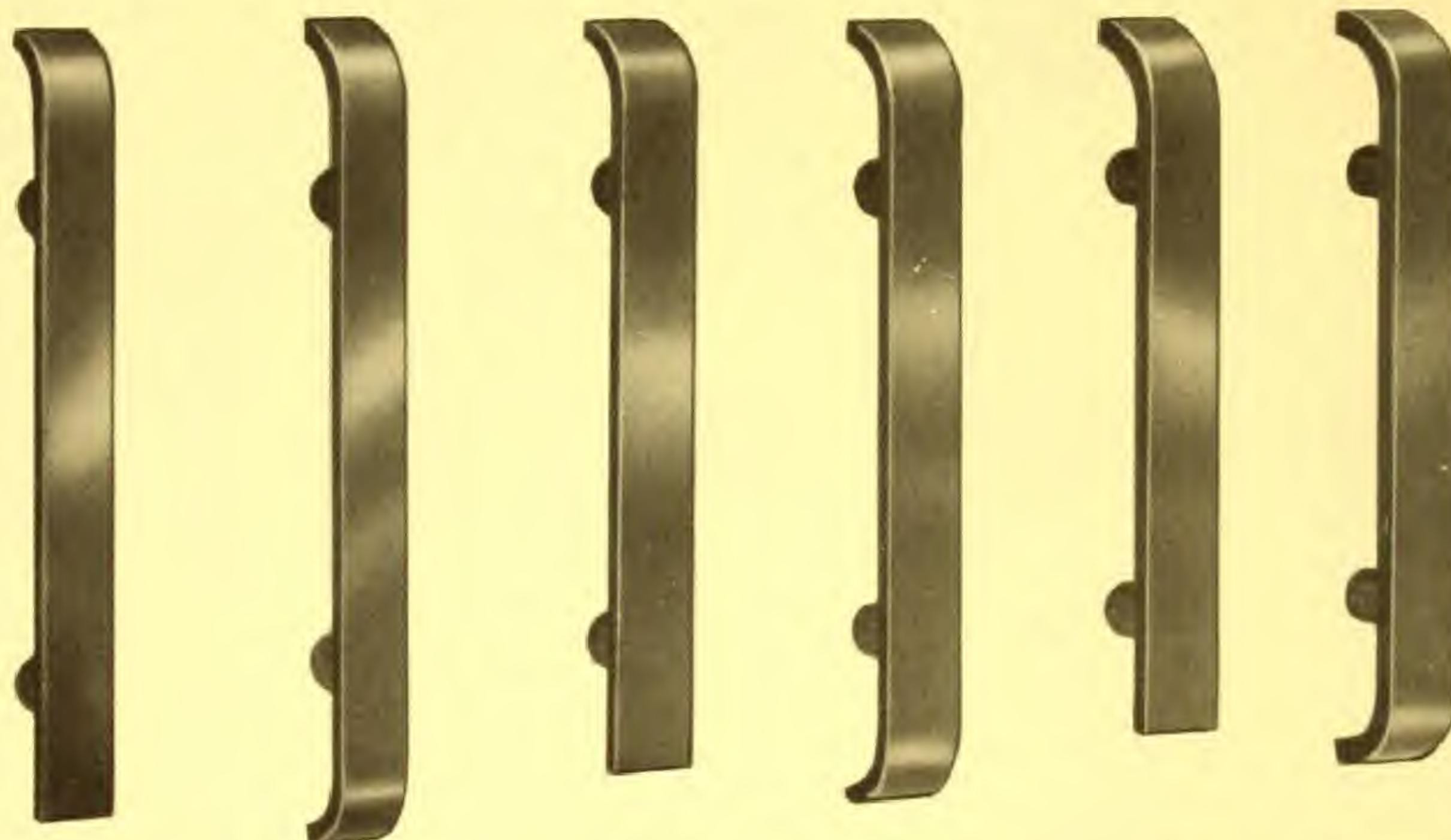
NO.	Weights	
	Bronze	Aluminum
218	3.00 lbs.	1.00 lb.
219	3.00 lbs.	1.00 lb.
220	3.00 lbs.	1.00 lb.
217	2.82 lbs.	.94 lb.
205	3.39 lbs.	1.13 lb.
209	3.00 lbs.	1.00 lb.

SPECIFY FINISH AND THICKNESS OF
DOOR

STANDARD OF QUALITY

DOOR PULLS

SOLID BAR STOCK

BRASS, BRONZE, ALUMINUM AND STAINLESS STEEL
WITH THROUGH BOLTS


721

722

723

724

725

726

NO.	SIZE	PROJ.	CLEAR.	PACK	WEIGHT	
					Bronze	Aluminum
721	$\frac{3}{8}$ " x $1\frac{1}{4}$ " x $13\frac{1}{8}$ "	1 $\frac{11}{16}$ "	1 $\frac{5}{16}$ "	1	2.46 lbs.	.82 lbs.
722	$\frac{3}{8}$ " x $1\frac{1}{4}$ " x $14\frac{1}{4}$ "	1 $\frac{11}{16}$ "	1 $\frac{5}{16}$ "	1	2.64 lbs.	.88 lbs.
723	$\frac{3}{8}$ " x $1\frac{1}{2}$ " x $13\frac{1}{8}$ "	1 $\frac{11}{16}$ "	1 $\frac{5}{16}$ "	1	2.82 lbs.	.94 lbs.
724	$\frac{3}{8}$ " x $1\frac{1}{2}$ " x $14\frac{1}{4}$ "	1 $\frac{11}{16}$ "	1 $\frac{5}{16}$ "	1	3.00 lbs.	1.00 lbs.
725	$\frac{1}{2}$ " x $1\frac{1}{2}$ " x $13\frac{1}{8}$ "	1 $\frac{13}{16}$ "	1 $\frac{5}{16}$ "	1	3.57 lbs.	1.19 lbs.
726	$\frac{1}{2}$ " x $1\frac{1}{2}$ " x $14\frac{1}{4}$ "	1 $\frac{13}{16}$ "	1 $\frac{5}{16}$ "	1	3.63 lbs.	1.31 lbs.

C - C OF STUDS - 8"

DIAMETER OF STUDS 1"

ENGRAVED PUSH OR PULL - SEE PRICE LIST
FURNISHED BACK TO BACK WHEN SO ORDERED

MAY BE HAD MOUNTED ON ANY OF OUR PUSH PLATES.

SPECIFY FINISH AND THICKNESS OF DOORS.

STANDARD OF QUALITY

DOOR PULLS

CAST BRASS, BRONZE AND ALUMINUM
WITH THROUGH BOLTS



712



713



620



625



750

NO.	SIZE	BASES	PROJ.	CLEAR.	C-C	OFFSET	PACK
712	2" x 8 1/4"	2"	2 3/16"	1 1/4"	6 1/4"	-	1
713	2" x 8 1/4"	2"	2 3/16"	1 1/4"	6 1/4"	1 1/2"	1
620	2" x 9 1/8"	2"	2 1/8"	1 1/8"	6"	1 1/2"	1
625	1 3/8" x 9 1/8"	1 3/8" x 2 1/2"	2"	1"	6"	1 3/4"	1
750	1 1/2" x 9 1/8"	1 1/2"	2 5/8"	1 5/8"	8 3/8"	-	1

FOR SURFACE SCREWS ADD 1/2 TO NUMBER

WEIGHT

	Bronze	Aluminum
712	1.19 lbs.	.40 lbs.
713	1.25 lbs.	.42 lbs.
620	2.19 lbs.	.73 lbs.
625	2.44 lbs.	.82 lbs.
750	2.13 lbs.	.71 lbs.

SPECIFY FINISH AND THICKNESS OF DOORS

STANDARD OF QUALITY

DOOR PULLS

CAST BRASS, BRONZE, ALUMINUM AND WHITE BRONZE
WITH THROUGH BOLTS



739



738



737



700AA



5700KA

NO.	SIZE	BASES	PROJ.	CLEAR.	C-C	PACK
739	1 5/8" x 9"	1 1/4" x 1 5/8"	2 3/4"	1 1/2"	6"	6
738	1 1/4" x 6"	1 1/4" x 3 3/4"	4"	3 1/2"	-	6
737	1 1/4" x 6"	1 1/4" x 3 3/4"	3 1/2"	2	-	6
700AA	2 3/4" x 12"		1 3/4"	1 7/8"	8"	1
5700KA	2 3/4" x 11"		2 1/2"	1 3/4"	7"	1

FOR SURFACE SCREWS, ADD 1/2 TO NUMBER

WEIGHT

NO.	Bronze	Aluminum
739	1.00 lbs.	.33 lbs.
738	1.75 lbs.	.38 lbs.
737	1.69 lbs.	.56 lbs.
700AA	1.88 lbs.	.62 lbs.
5700KA	4.14 lbs.	1.38 lbs.

STANDARD OF QUALITY

DOOR PULLS

CAST BRASS, BRONZE AND ALUMINUM



700AJ



700RU



700WS



700EL



700NT

NO.	SIZE	CLEAR.	PROJ.	C-C	WEIGHT	
					Bronze	Aluminum
700AJ	2 1/4" x 9 1/2"	1 7/8"	2 1/8"	7"	.94 lbs.	.31 lbs.
700RU	2 1/4" x 11 1/2"	1 7/8"	2 1/8"	6 3/4"	1.07 lbs.	.36 lbs.
700WS	2 1/4" x 12 3/4"	1 1/4"	2 1/8"	4 1/4"	1.63 lbs.	.55 lbs.
700EL	2 1/4" x 12 1/4"	1 1/4"	2 1/8"	5"	1.50 lbs.	.50 lbs.
700NT	2 1/4" x 10 3/8"	1 3/8"	2"	4 1/4"	1.07 lbs.	.36 lbs.

PACKED ONE IN A BOX

FOR SURFACE SCREWS ADD 1/2 TO NUMBER

SPECIFY FINISH AND THICKNESS OF DOORS

STANDARD OF QUALITY

DOOR PULLS

CAST BRASS, BRONZE AND ALUMINUM



700SN



702SN



730



700SP



702SP

NO.	SIZE	PROJ.	CLEAR.	WEIGHT	
				Bronze	Aluminum
700SN	2 7/8" x 11"	3 1/8"	2"	2.19 lbs.	.73 lbs.
702SN	2 7/8" x 11"	3 1/8"	2"	2.19 lbs.	.73 lbs.
730	3 3/4" x 20"	3 3/4"	2"	6.00 lbs.	2.00 lbs.
700SP	2 3/8" x 10 1/2"	3 1/8"	2"	2.19 lbs.	.73 lbs.
702SP	2 3/8" x 10 1/2"	3 1/8"	2"	2.19 lbs.	.73 lbs.

FOR SURFACE SCREWS ADD 1/2 TO NUMBER

SPECIFY FINISH REQUIRED

PACKED ONE IN A BOX

STANDARD OF QUALITY

DOOR PULLS AND PUSH PLATES

SOLID ROLLED METAL .051

BRASS, BRONZE, ALUMINUM, STAINLESS STEEL AND STEEL

NO. 10 GRIP
5 1/8" C - C

PROJECTION
1 5/8"


SR



SR



RC



RC

NO. 11 GRIP
5 1/8"

PROJECTION
1 3/4"

PUSH PLATES

NO.	DESIGN	SIZE	Bronze	Aluminum
312	SR - RC	3" x 12"	.60 lbs.	.20 lbs.
314	SR - RC	3 1/2" x 14"	.82 lbs.	.28 lbs.
315	SR - RC	3" x 15"	.77 lbs.	.26 lbs.
315 1/2	SR - RC	3 1/2" x 15"	.86 lbs.	.29 lbs.
316	SR - RC	3 1/2" x 16"	.90 lbs.	.30 lbs.
416	SR - RC	4" x 16"	1.07 lbs.	.36 lbs.
420	SR - RC	4" x 20"	1.38 lbs.	.46 lbs.

DOOR PULLS WITH NO. 10 GRIP - WITHOUT THROUGH BOLTS

1312	SR - RC	3" x 12"	1.16 lbs.	.39 lbs.
1314	SR - RC	3 1/2" x 14"	1.38 lbs.	.46 lbs.
1315	SR - RC	3" x 15"	1.33 lbs.	.44 lbs.
1315 1/2	SR - RC	3 1/2" x 15"	1.42 lbs.	.47 lbs.
1316	SR - RC	3 1/2" x 16"	1.46 lbs.	.49 lbs.
1416	SR - RC	4" x 16"	1.63 lbs.	.55 lbs.
1420	SR - RC	4" x 20"	1.94 lbs.	.65 lbs.

DOOR PULLS WITH NO. 11 GRIPS - WITH THROUGH BOLTS

4312	SR - RC	3" x 12"	1.38 lbs.	.46 lbs.
4314	SR - RC	3 1/2" x 14"	1.60 lbs.	.54 lbs.
4315	SR - RC	3" x 15"	1.55 lbs.	.52 lbs.
4315 1/2	SR - RC	3 1/2" x 15"	1.64 lbs.	.55 lbs.
4316	SR - RC	3 1/2" x 16"	1.68 lbs.	.56 lbs.
4416	SR - RC	4" x 16"	1.85 lbs.	.62 lbs.
4420	SR - RC	4" x 20"	2.16 lbs.	.72 lbs.

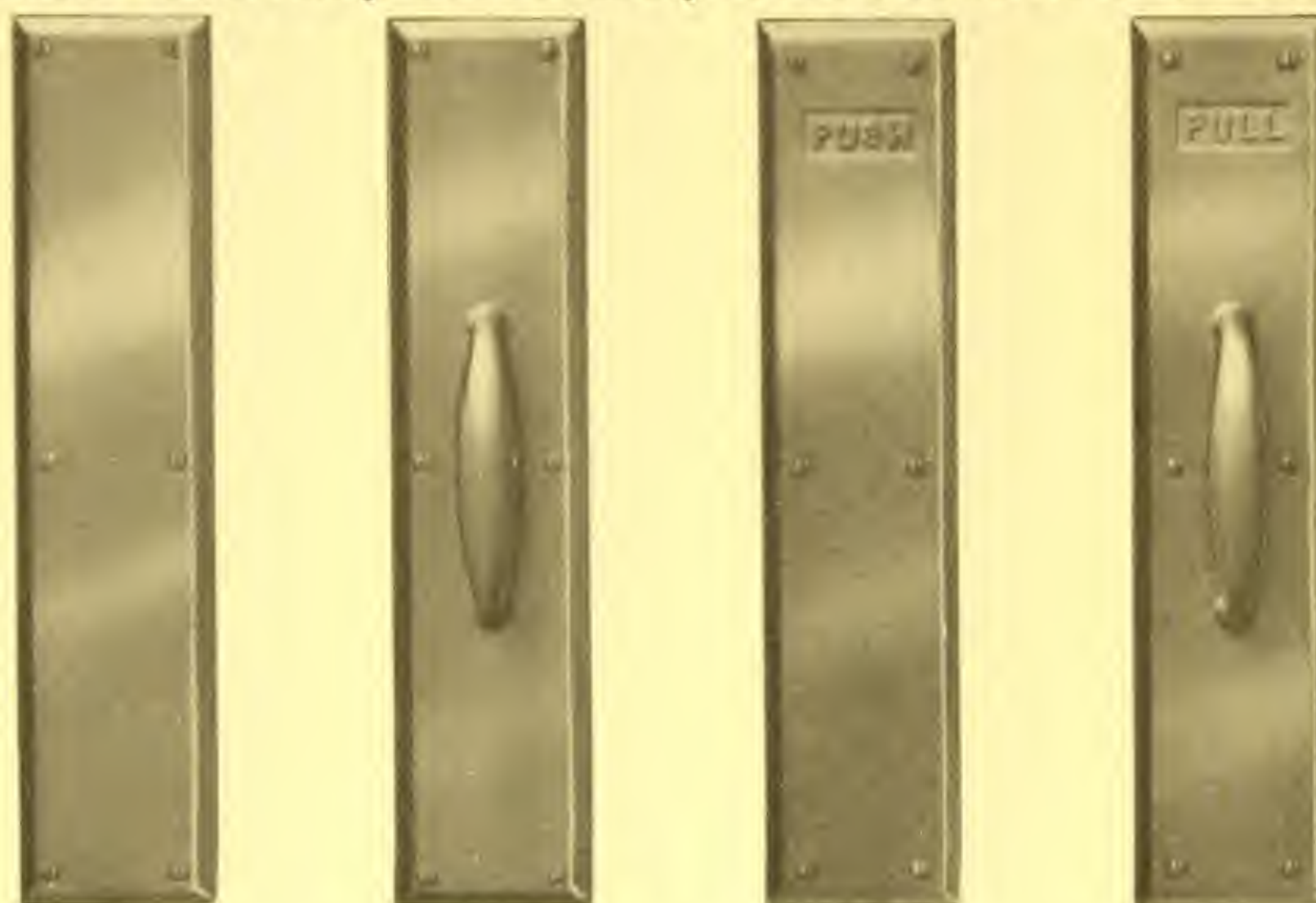
PUSH PLATES ARE PACKED 6 IN A BOX - DOOR PULLS 1 IN A BOX
ALL THE ABOVE ARE MADE TO TEMPLATE

STANDARD OF QUALITY

DOOR PULLS AND PUSH PLATES

WB DESIGN - WIDE BEVEL

CAST BRASS, BRONZE, ALUMINUM AND IRON



PUSH PLATES - PLAIN				
NO.	SIZE	WGHT - Bronze	WGHT - Alum.	PACK
312WB	3" x 12"	1.75 lbs.	.60 lbs.	2
315WB	3" x 15"	2.00 lbs.	.70 lbs.	2
316WB	3½" x 16"	3.00 lbs.	1.00 lbs.	2
416WB	4" x 16"	3.25 lbs.	1.08 lbs.	2
420WB	4" x 20"	3.50 lbs.	1.17 lbs.	2
PUSH PLATES MARKED "PUSH"				
312½WB	3" x 12"	1.75 lbs.	.60 lbs.	2
315½WB	3" x 15"	2.00 lbs.	.70 lbs.	2
316½WB	3½" x 16"	3.00 lbs.	1.10 lbs.	2
416½WB	4" x 16"	3.25 lbs.	1.08 lbs.	2
420½WB	4" x 20"	3.50 lbs.	1.17 lbs.	2
DOOR PULLS - PLAIN WITH NO. 11 GRIPS				
1312WB	3" x 12"	2.41 lbs.	.80 lbs.	1
1315WB	3" x 15"	2.66 lbs.	.87 lbs.	1
1316WB	3½" x 16"	3.66 lbs.	1.22 lbs.	1
1416WB	4" x 16"	3.91 lbs.	1.30 lbs.	1
1420WB	4" x 20"	4.16 lbs.	1.40 lbs.	1
DOOR PULLS MARKED "PULL" WITH NO. 11 GRIPS				
1312½WB	3" x 12"	2.41 lbs.	.80 lbs.	1
1315½WB	3" x 15"	2.66 lbs.	.87 lbs.	1
1316½WB	3½" x 16"	3.66 lbs.	1.22 lbs.	1
1416½WB	4" x 16"	3.91 lbs.	1.30 lbs.	1
1420½WB	4" x 20"	4.16 lbs.	1.40 lbs.	1

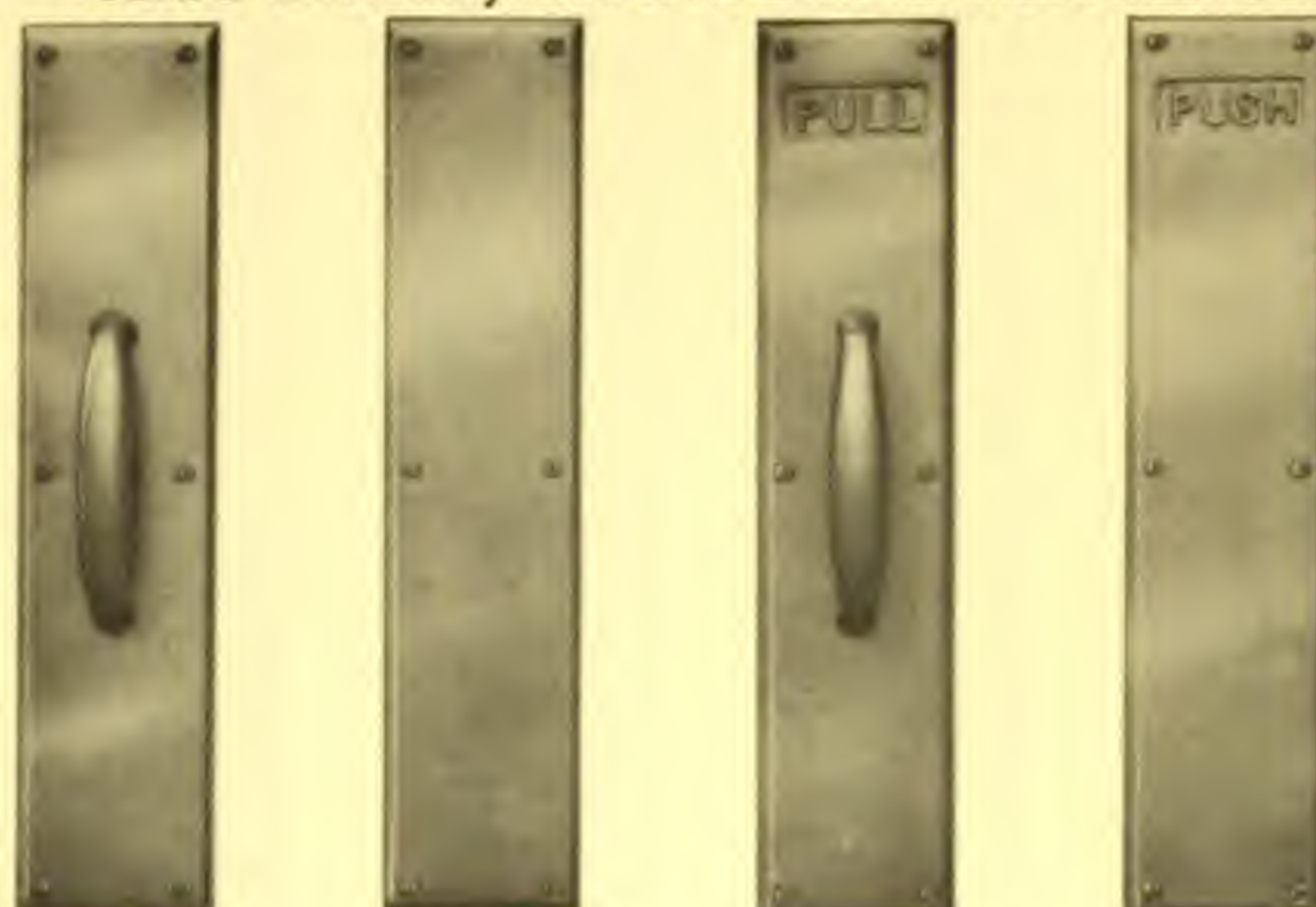
SPECIFY FINISH REQUIRED

ALL OF THE ABOVE ARE MADE TO TEMPLATE

STANDARD OF QUALITY

DOOR PULLS AND PUSH PLATES

GB DESIGN - NARROW BEVEL
CAST BRASS, BRONZE AND ALUMINUM



PUSH PLATES - PLAIN

NO.	SIZE	WGHT - Bronze	WGHT - Alum.	PACK
312GB	3" x 12"	1.75 lbs.	.60 lbs.	2
314GB	3 $\frac{1}{2}$ " x 14"	2.50 lbs.	.84 lbs.	2
315GB	3 $\frac{1}{2}$ " x 15"	2.65 lbs.	.88 lbs.	2
316GB	3 $\frac{1}{2}$ " x 16"	3.00 lbs.	1.00 lbs.	2

PUSH PLATES MARKED "PUSH"

312 $\frac{1}{2}$ GB	3" x 12"	2.75 lbs.	.60 lbs.	2
314 $\frac{1}{2}$ GB	3 $\frac{1}{2}$ " x 14"	2.50 lbs.	.84 lbs.	2
315 $\frac{1}{2}$ GB	3 $\frac{1}{2}$ " x 15"	2.65 lbs.	.88 lbs.	2
316 $\frac{1}{2}$ GB	3 $\frac{1}{2}$ " x 16"	3.00 lbs.	1.00 lbs.	2

DOOR PULLS - PLAIN WITH NO. 11 GRIPS

1312GB	3" x 12"	2.41 lbs.	.80 lbs.	1
1314GB	3 $\frac{1}{2}$ " x 14"	3.16 lbs.	1.05 lbs.	1
1315GB	3 $\frac{1}{2}$ " x 15"	3.31 lbs.	1.10 lbs.	1
1316GB	3 $\frac{1}{2}$ " x 16"	3.66 lbs.	1.22 lbs.	1

DOOR PULLS MARKED "PULL" WITH NO. 11 GRIPS

1312 $\frac{1}{2}$ GB	3" x 12"	2.41 lbs.	.80 lbs.	1
1314 $\frac{1}{2}$ GB	3 $\frac{1}{2}$ " x 14"	3.16 lbs.	1.05 lbs.	1
1315 $\frac{1}{2}$ GB	3 $\frac{1}{2}$ " x 15"	3.31 lbs.	1.10 lbs.	1
1316 $\frac{1}{2}$ GB	3 $\frac{1}{2}$ " x 16"	3.66 lbs.	1.22 lbs.	1

SPECIFY FINISH REQUIRED

ALL OF THE ABOVE ARE MADE TO TEMPLATE

STANDARD OF QUALITY

DOOR PULLS AND PUSH PLATES

CAST BRASS, BRONZE AND ALUMINUM



AM



AM



GW



ML

AM DESIGN - BEVELED EDGE - ROUND CORNER

PUSH PLATES

WEIGHT

NO.	SIZE	Bronze	Aluminum	PACK
312AM	3" x 12"	2.63 lbs.	.88 lbs.	2
314AM	3 1/2" x 14"	2.69 lbs.	.90 lbs.	2
315AM	3 1/2" x 15"	2.70 lbs.	.93 lbs.	2
316AM	3 1/2" x 16"	2.73 lbs.	.95 lbs.	2

DOOR PULLS WITH GRIPS NO. 11

1312AM	3" x 12"	3.41 lbs.	1.14 lbs.	1
1314AM	3 1/2" x 14"	3.47 lbs.	1.16 lbs.	1
1315AM	3 1/2" x 15"	3.47 lbs.	1.19 lbs.	1
1316AM	3 1/2" x 16"	3.55 lbs.	1.21 lbs.	1

DOOR PULLS WITH GRIPS NO. 722

3315ML	3" x 15"	5.16 lbs.	1.72 lbs.	1
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GRIP NO. 722 - 3/8" x 1 1/4" - 8" Center to Center
ENGRAVED "PULL" UPON ORDER

GW DESIGN PUSH PLATES - WITH PULL

316GW	3 1/2" x 16"	3.00 lbs.	1.00 lb.	
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SPECIFY FINISH

ALL THE ABOVE ARE MADE TO TEMPLATE

STANDARD OF QUALITY

DOOR PULLS AND PUSH PLATES

CAST AND WROUGHT BRASS, BRONZE, ALUMINUM AND STAINLESS STEEL



1315ML



315ML



1315PR



315PR



1212MN



212MN

DOOR PULLS

NO.	SIZE	METAL	WEIGHT	Bronze	Aluminum	PACKED
1315ML	3" x 15"	Wrought	4.05 lbs.		1.35 lbs.	1
1315PR	3" x 15"	Wrought	3.75 lbs.		1.25 lbs.	1
* 1312MN	2" x 12½"	Cast	2.46 lbs.		.82 lbs.	1

PUSH PLATES

315ML	3" x 15"	Wrought	2.19 lbs.	.73 lbs.	2
315PR	3" x 15"	Wrought	2.07 lbs.	.69 lbs.	2
312MN	2" x 12½"	Cast	1.32 lbs.	.44 lbs.	2

* FURNISHED WITH NO. 74 GRIPS

ALL OTHER NUMBERS ARE FURNISHED WITH NO. 75 SOLID BAR STOCK
GRIPS 3/4" SQUARE - 7 3/8" C - C

ALL THE ABOVE ARE MADE TO TEMPLATE
SPECIFY FINISH AND THICKNESS OF DOORS

STANDARD OF QUALITY

DOOR PULLS AND PUSH PLATES

CAST BRASS, BRONZE AND ALUMINUM



1315PM



315PM



1315PB



315PB



1315MN



315MN

DOOR PULLS

NO.	SIZE	WEIGHT	Bronze	Aluminum	PACKED
1315PM	3" x 15"	4.68 lbs.		1.56 lbs.	1
1315PB	3" x 15"	4.50 lbs.		1.50 lbs.	1
1315MN	3" x 15"	3.57 lbs.		1.19 lbs.	1

PUSH PLATES

315PM	3" x 15"	2.07 lbs.	.69 lbs.	2
315PB	3" x 15"	3.00 lbs.	1.00 lbs.	2
315MN	3" x 15"	1.71 lbs.	.57 lbs.	2

THE ABOVE DOOR PULLS ARE FURNISHED WITH NO. 75 SOLID BAR STOCK GRIPS 3/4" SQUARE - 7 3/8" C - C

ALL THE ABOVE MADE TO TEMPLATE

SPECIFY FINISH AND THICKNESS OF DOORS

STANDARD OF QUALITY

PUSH PLATES

BRASS, BRONZE, ALUMINUM AND STAINLESS STEEL



315WR



105



616JH



816JH

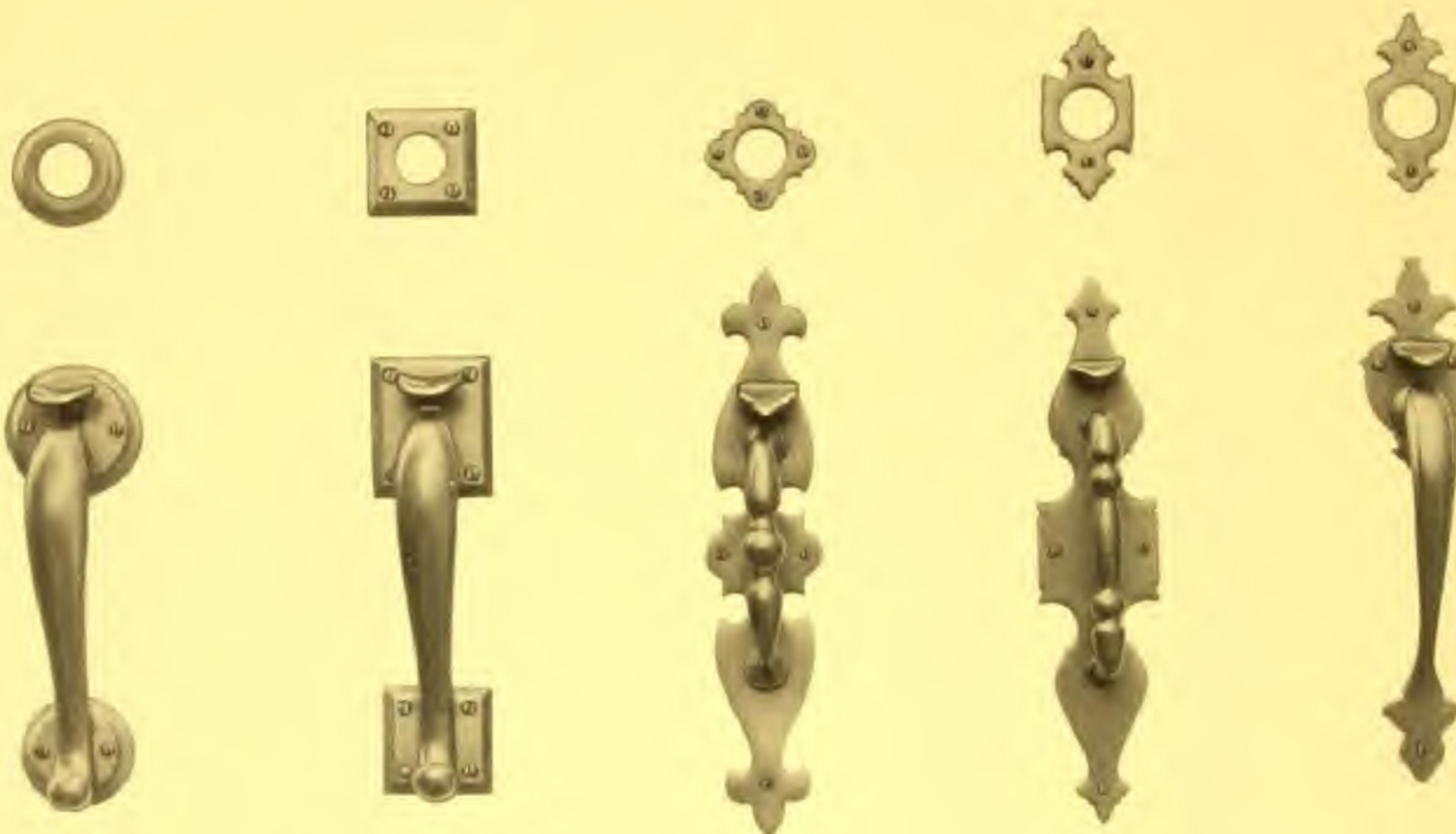
NO.	SIZE	THICKNESS	WEIGHT		PACKED
			Brass	Aluminum	
315WR 105	3" x 15"	.051	.60 lbs.	.20 lbs.	6
	6" x 12"	.051	1.32 lbs.	.44 lbs.	2
	7½" x 15"	.051	1.44 lbs.	.48 lbs.	2
	8" x 16"	.051	1.63 lbs.	.54 lbs.	2
	10" x 20"	.051	3.06 lbs.	1.02 lbs.	2
	12" x 24"	.051	1.52 lbs.	.51 lbs.	2
616JH	6" x 16"	3/16"	5.07 lbs.	1.69 lbs.	2
816JH	8" x 16"	3/16"	6.93 lbs.	2.31 lbs.	2

SPECIFY FINISH REQUIRED

STANDARD OF QUALITY

FRONT DOOR HANDLE SETS

CAST BRASS, BRONZE AND ALUMINUM



800 x 100CM 800 x 100WB 800 x 100WS 800 x 100EL 800 x 100RU

NO.	SIZE OF HANDLE	SIZE OF CYL. ROSE	C-C	WEIGHT Bronze	PACKED
800 x 100CM	3" x 9 ³ / ₄ "	2 7/8"	6 1/2"	2.00 lbs.	2
800 x 100WB	2 ⁵ / ₈ " x 9 ⁵ / ₈ "	2 3/8"	6 1/2"	2.44 lbs.	2
800 x 100WS	2 ¹ / ₂ " x 12 ¹ / ₂ "	2 3/8"	4 7/8"	2.00 lbs.	2
800 x 100EL	2 ⁵ / ₈ " x 12 ¹ / ₄ "	2" x 3 ³ / ₄ "	5 3/8"	1.88 lbs.	2
800 x 100RU	2 ³ / ₈ " x 11 ¹ / ₂ "	2" x 4"	7 1/2"	1.38 lbs.	2

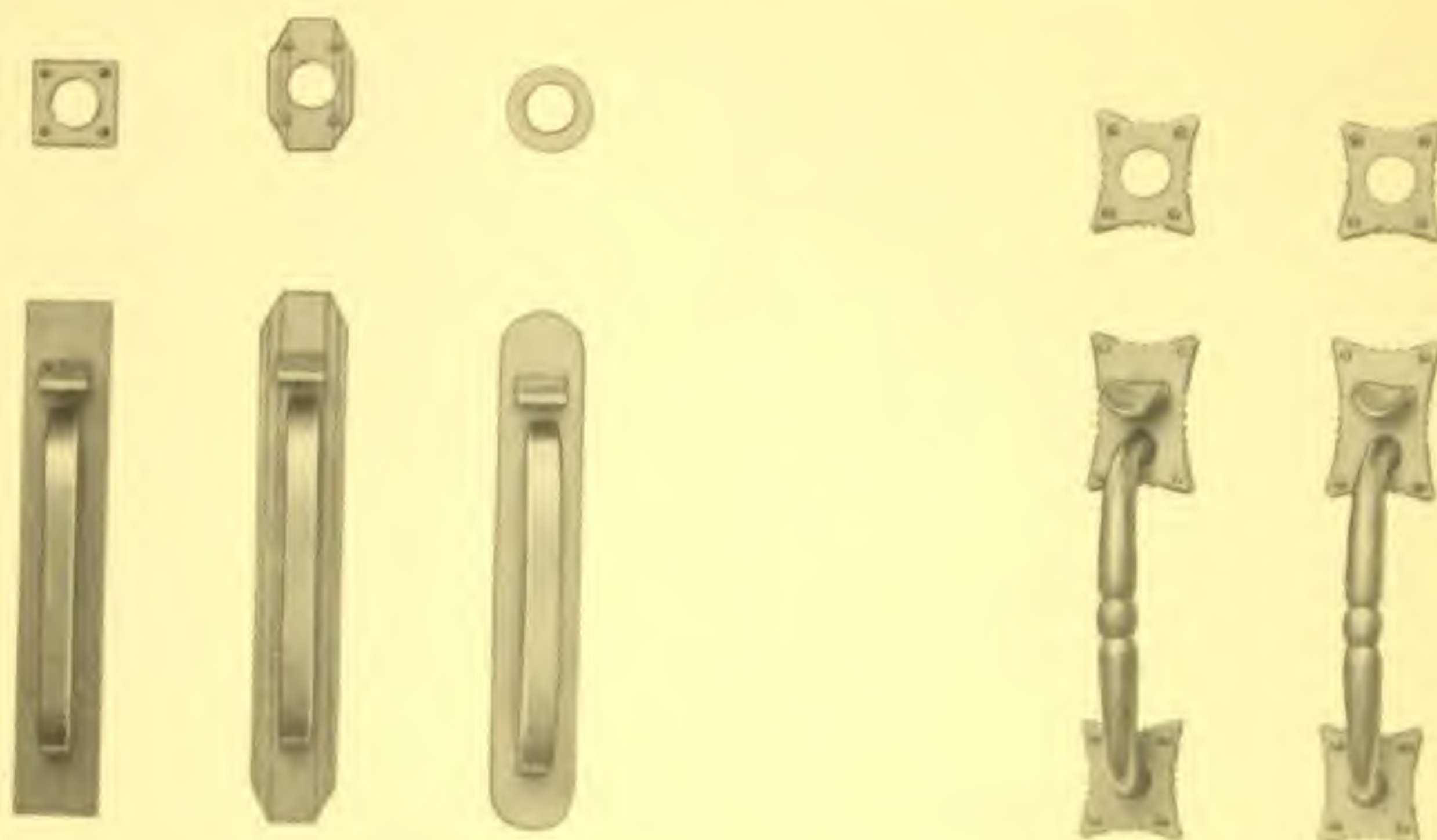
FRONT DOOR HANDLES ARE PRICED EACH
WHEN REQUIRED IN PAIRS, PLEASE SO SPECIFY

SPECIFY FINISH AND THICKNESS OF DOORS

STANDARD OF QUALITY

FRONT DOOR HANDLES

CAST BRASS, BRONZE, ALUMINUM AND STAINLESS STEEL



806 x 100ML 806 x 100MN 806 x 100PR

800 x 100SP 801 x 100SP

NO.	SIZE OF HANDLE	SIZE OF CYL. ROSE	C-C	PACKED
806 x 100ML	2" x 12"	2"	7 ¹ / ₄ "	2
806 x 100MN	2" x 12 ³ / ₈ "	2" x 3"	7 ¹ / ₄ "	2
806 x 100PR	2" x 12"	2"	7 ¹ / ₄ "	2
800 x 100SP	2 ¹ / ₄ " x 11 ³ / ₄ "	2 ¹ / ₄ " x 2 ³ / ₄ "	8 ¹ / ₂ "	2
801 x 100SP	2 ¹ / ₄ " x 11 ³ / ₄ "	2 ¹ / ₄ " x 2 ³ / ₄ "	8 ¹ / ₂ "	2

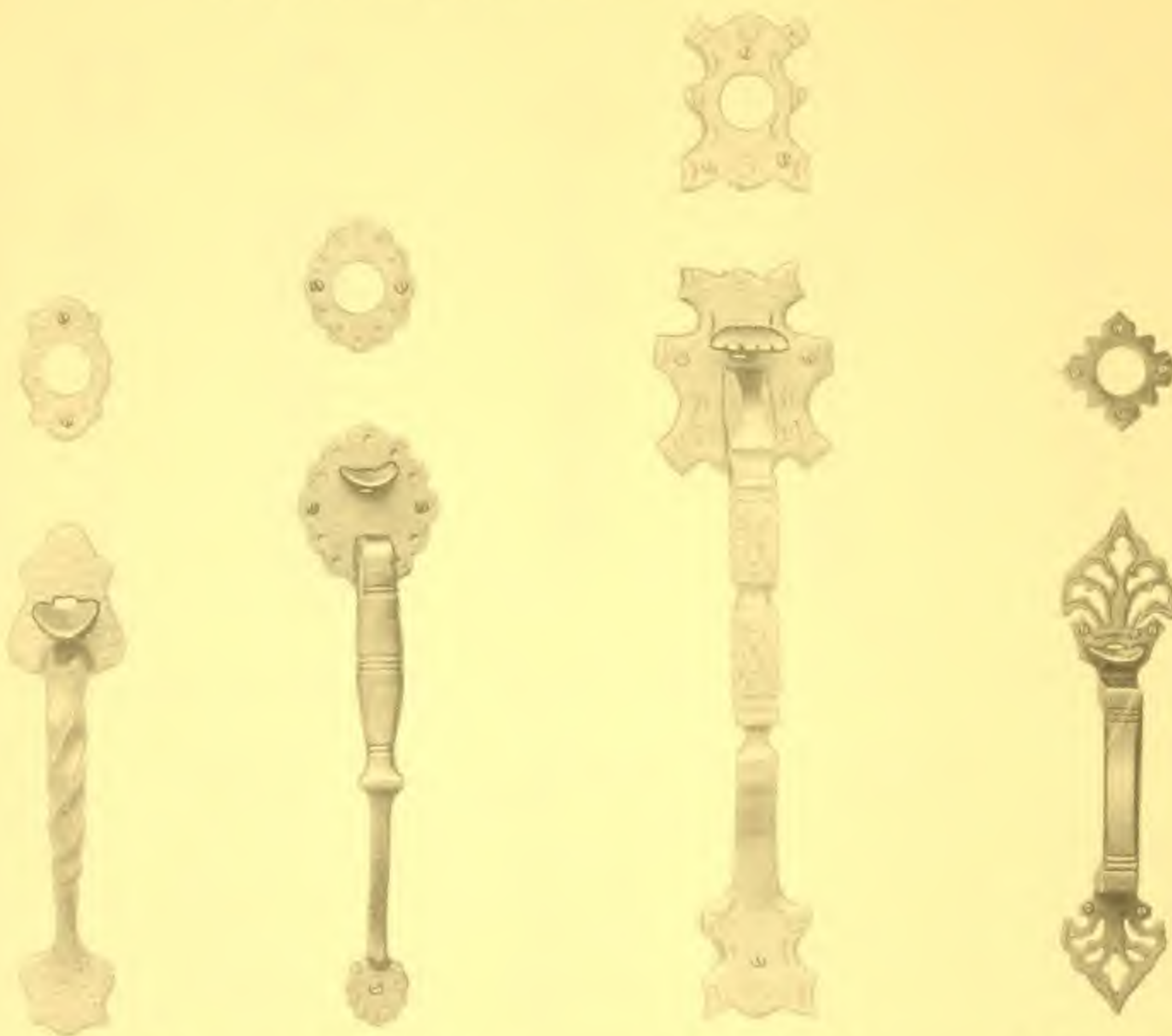
FRONT DOOR HANDLES ARE PRICED EACH - WHEN REQUIRED IN PAIRS
PLEASE SO SPECIFY.

NO.	WEIGHT	
	Brass	Aluminum
806 x 100ML	3.28 lbs.	1.09 lbs.
806 x 100MN	3.75 lbs.	1.25 lbs.
806 x 100PR	3.39 lbs.	1.13 lbs.
800 x 100SP	2.56 lbs.	.85 lbs.
801 x 100SP	2.56 lbs.	.85 lbs.

STANDARD OF QUALITY

FRONT DOOR HANDLES

CAST BRASS, BRONZE AND WHITE BRONZE



5800 x 5100KA

800 x 100HD

800 x 100HR

800 x 100AA

NO.	SIZE OF HANDLE	SIZE OF CYL. ROSE	C-C	WEIGHT	PACK
5800 x 5100KA	3 5/8" x 3 1/4"	2" x 3"	7"	1.63 lbs.	2
800 x 100HD	3 1/8" x 3 3/4"	2 1/2" x 3"	10 1/2"	2.00 lbs.	2
800 x 100HR	3 7/8" x 4 1/4"	3" x 3 3/4"	12"	5.16 lbs.	2
800 x 100AA	2 3/4" x 4 1/2"	2 7/8" x 2 7/8"	8"	1.56 lbs.	2

FRONT DOOR HANDLES ARE PRICED EACH
WHEN REQUIRED IN PAIRS, PLEASE SO SPECIFY

STANDARD OF QUALITY

FRONT DOOR HANDLE SETS

CAST BRASS, BRONZE AND ALUMINUM



800 x 100NT

800 x 100PU

800 x 100AJ

800 x 100HM

800 x 100HS

NO.	SIZE OF HANDLE	SIZE OF CYL. ROSE	C-C	WEIGHT Bronze	PACKED
800 x 100NT	2 1/4" x 10 1/4"	2" x 3 3/4"	5"	1.44 lbs.	2
800 x 100PU	2 3/4" x 12 1/4"	2 3/4" x 3 3/8"	6 1/4"	1.00 lbs.	2
800 x 100AJ	2 1/8" x 9 5/8"	2 1/8" x 2 3/8"	7"	1.19 lbs.	2
800 x 100HM	3 7/8" x 12 1/4"	3" x 3 1/8"	8 1/4"	2.44 lbs.	2
800 x 100HS	2 7/8" x 14 1/2"	2 3/4" x 3 1/4"	10"	1.69 lbs.	2

FRONT DOOR HANDLES ARE PRICED EACH

WHEN REQUIRED IN PAIRS SO SPECIFY

STANDARD OF QUALITY

DOOR PULLS AND GRIPS

BRASS, BRONZE, ALUMINUM AND STAINLESS STEEL



75



74



58



60



62

NO.	C-C	SIZE	PROJ.	CLEAR.	OFFSET	PACKED
75	7 $\frac{1}{4}$ "	11/16" x 8"	2 3/16"	1 7/16"	-	2
74	6"	11/16" x 6 3/4"	2 3/16"	1 1/2"	-	2
58	7 $\frac{1}{4}$ "	5/8" x 7 7/8"	2"	1 3/8"	-	2
60	8"	3/4" x 8 3/4"	2 5/16"	1 1/2"	1 3/4"	2
62	8"	3/4" x 8 3/4"	2 3/16"	1 3/8"	-	2

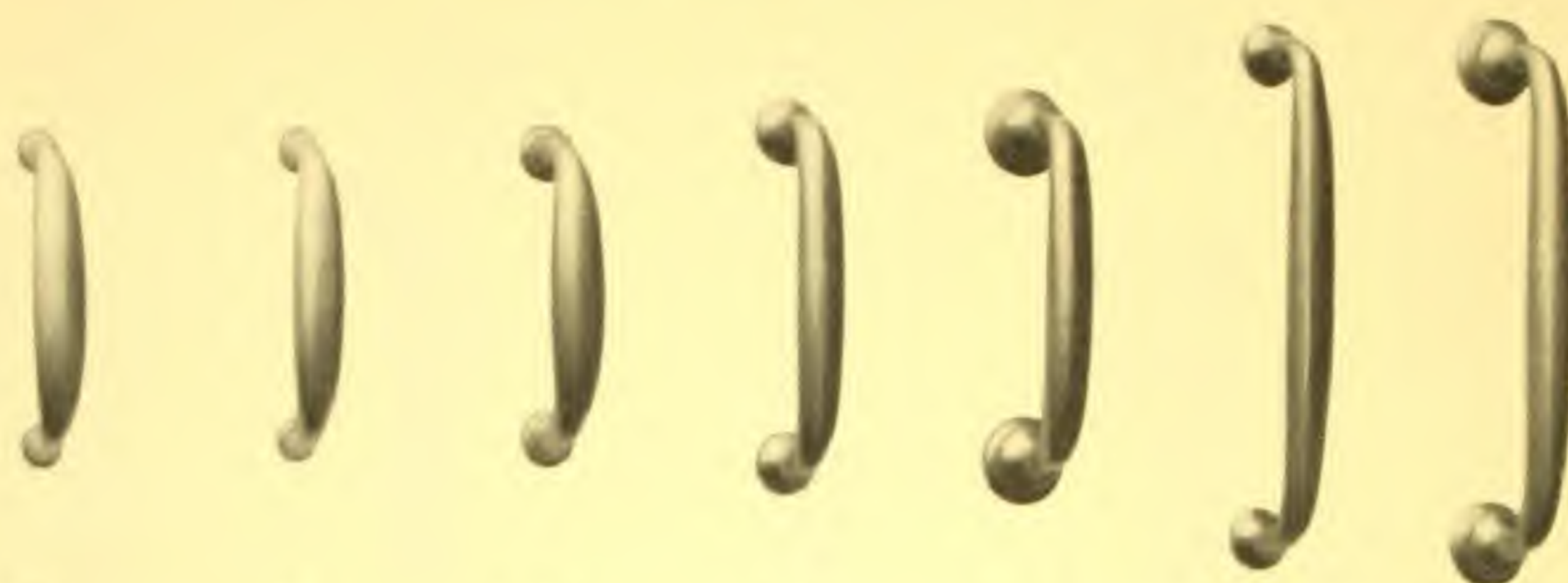
WEIGHT

NO.	Bronze	Aluminum
75	1.50 lbs.	.50 lbs.
74	1.41 lbs.	.47 lbs.
58	1.02 lbs.	.34 lbs.
60	1.50 lbs.	.50 lbs.
62	1.22 lbs.	.41 lbs.

STANDARD OF QUALITY

DOOR PULLS AND GRIPS

BRASS, BRONZE, ALUMINUM AND CAST IRON



10

11

111

13

113

14

114

NO.	C-C	ROSE	LGTH.	BASE	PROJ.	CLEAR.	PACK
*10	5 1/8"		5.75"	3/4"	1 5/8"	1 3/16"	6
11	5 1/8"		5.75"	3/4"	1 3/4"	1 3/16"	6
111	5 1/8"	1"	6.00"	3/4"	1 7/8"	1 9/16"	6
13	6"		7.13"	1"	2"	1 5/16"	6
113	6"	1 5/8"	7.50"	1 5/8"	2 1/4"	1 9/16"	6
14	9"		10.00"	1 1/8"	2"	1 5/16"	2
114	9"	1 5/8"	10.50"	1 5/8"	2 1/4"	1 9/16"	2

* NO. 10 GRIPS ARE NOT FURNISHED WITH THROUGH BOLTS. ALL OTHER NUMBERS ARE FURNISHED WITH THROUGH BOLTS.

WEIGHT

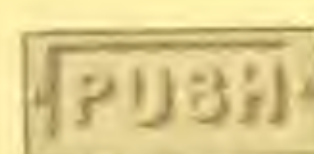
NO.	Bronze	Aluminum
10	.465 lbs.	.156 lbs.
11	.657 lbs.	.219 lbs.
111	.939 lbs.	.313 lbs.
13	1.00 lbs.	.334 lbs.
113	1.13 lbs.	.38 lbs.
14	1.32 lbs.	.44 lbs.
114	1.57 lbs.	.53 lbs.

SPECIFY FINISH REQUIRED

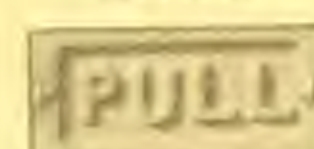
STANDARD OF QUALITY

NAME PLATES

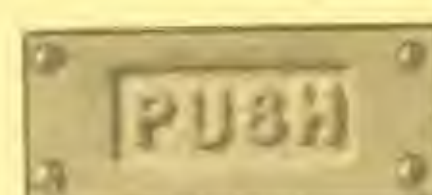
CAST BRASS, BRONZE AND ALUMINUM



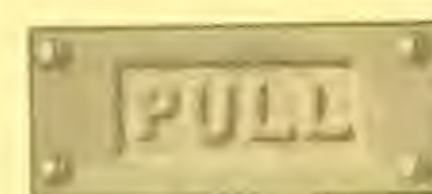
1060



1061



1062



1063



1064



1065



1068



1069



1066



1067



1070



1071

NO.	SIZE	PACK	WGHT. Bronze	WGHT. Alum.
1060	1" x 2 1/4"	12	.096 lbs.	.032 lbs.
1061	1" x 2 1/4"	12	.096 lbs.	.032 lbs.
1062	1 1/2" x 3 1/2"	12	.189 lbs.	.063 lbs.
1063	1 1/2" x 3 1/2"	12	.189 lbs.	.063 lbs.
1064	2 1/8" x 2 7/8"	12	.207 lbs.	.069 lbs.
1065	2 1/8" x 2 7/8"	12	.207 lbs.	.069 lbs.
1066	3"	6	.282 lbs.	.094 lbs.
1067	3"	6	.282 lbs.	.094 lbs.
1068	1 3/4" x 6 3/4"	6	.390 lbs.	.13 lbs.
1069	1 3/4" x 6 3/4"	6	.390 lbs.	.13 lbs.
1070	2 1/8" x 2 7/8"	6	.207 lbs.	.19 lbs.
1071	2 1/8" x 2 7/8"	6	.207 lbs.	.19 lbs.

THE ABOVE PLATES ARE FURNISHED WITH A BLACK BACKGROUND

RED OR GREEN ENAMEL MAY BE HAD AT AN ADVANCE IN PRICE

SPECIFY FINISH REQUIRED

STANDARD OF QUALITY

GOTHIC DOOR TRIM

CAST BRASS, BRONZE AND WHITE BRONZE



1416SA
1422SA



416SA
422SA



2422SA



2318AA



1313AA
1318AA



313AA
318AA

PUSH PLATES

NO.	SIZE	WEIGHT
313AA	3" x 13"	.91 lbs.
318AA	3" x 18"	2.00 lbs.
416SA	4" x 16"	2.56 lbs.
422SA	4" x 22"	3.19 lbs.

DOOR PULLS

1313AA	3" x 13"	1.94 lbs.
1318AA	3" x 18"	3.00 lbs.
1416SA	4" x 16"	4.66 lbs.
1422SA	4" x 22"	5.19 lbs.

STORE DOOR HANDLES

2318AA	3" x 18"	3.31 lbs.
2422SA	4" x 22"	5.38 lbs.

SPECIFY SPACING REQUIRED

STANDARD OF QUALITY

GOTHIC DOOR TRIM

CAST BRASS AND BRONZE



1420DA



420DA



225 x 40DA



225 x 30DA



225 x 900DA



50DA



316DA

DOOR PULL

NO	SIZE	WEIGHT
1420DA	3 ³ / ₄ " x 19 ¹ / ₄ "	5.13 lbs. Each

STORE DOOR HANDLE

2420DA	3 ³ / ₄ " x 19 ¹ / ₄ "	5.38 lbs. Each
Specify Spacing Required		

PUSH PLATE

420DA	3 ³ / ₄ " x 19 ¹ / ₄ "	4.94 lbs. Each
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KNOBS

225DA	2 ¹ / ₄ "	1.75 lbs. Pr.
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ROSE

900DA	2 ³ / ₈ "	.13 lbs. Pr.
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ESCUTCHEONS

40DA	2 7/8" x 9 ³ / ₄ "	1.32 lbs. Each
30DA	2 5/8" x 8 ¹ / ₄ "	1.63 lbs. Each

KEY PLATE

50DA	1" x 2"	.093 lbs. Each
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THUMB TURN

316DA	1" x 2"	130 lbs. Each
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STANDARD OF QUALITY

GOTHIC DOOR TRIM - EARLY ROMAN

CAST BRASS AND BRONZE



1420RA



420RA



250 x 40RA



250 x 30RA



250 x 900RA

NO.	DOOR PULL SIZE	WEIGHT
1420RA	4" x 20"	6.63 lbs. Each
2420RA	STORE DOOR HANDLE 4 1/2" x 20" Specify Spacing Required	6.88 lbs. Each
420RA	PUSH PLATE 4" x 20"	4.75 lbs. Each
250RA	KNOBS 2 1/2"	2.38 lbs. Pr.
900RA	ROSES 2 1/2"	.198 lbs. Pr.
40RA	ESCUTCHEONS 2 3/4" x 9 7/8"	2.00 lbs. Each
30RA	2 5/8" x 9 1/4"	1.63 lbs. Each

SPECIFY FINISH REQUIRED

STANDARD OF QUALITY

CONCEALED SCREW ROSES

CAST BRASS, BRONZE AND ALUMINUM



914CE



908CE



906CE



904CE

NO.	SIZE	WEIGHT - Bronze
914CE	6"	1.25 lbs.
908CE	4"	.57 lbs.
906CE	3"	.21 lbs.
904CE	2 1/4"	.14 lbs.



902CE



900CE



1904PC



1904CE



904PC



902PC



900PC

NO.	SIZE	WEIGHT - Bronze
902CE	2"	.10 lbs.
900CE	1 3/4"	.10 lbs.
* 1904PC	2 1/4"	.10 lbs.
* 1904CE	2 1/4"	.13 lbs.
904PC	2 1/4"	.16 lbs.
902PC	2"	.14 lbs.
900PC	1 3/4"	.14 lbs.

* ROSES NUMBERS 1904 AND 1904CE ARE WROUGHT METAL

SPECIFY FINISH REQUIRED

STANDARD OF QUALITY

GOthic DOOR TRIM - EARLY ROMAN

CAST BRASS AND BRONZE



1420RA



420RA



250 x 40RA



250 x 30RA



250 x 900RA

NO.	DOOR PULL SIZE	WEIGHT
1420RA	4" x 20"	6.63 lbs. Each
2420RA	STORE DOOR HANDLE 4 1/2" x 20" Specify Spacing Required	6.88 lbs. Each
420RA	PUSH PLATE 4" x 20"	4.75 lbs. Each
250RA	KNOBS 2 1/2"	2.38 lbs. Pr.
900RA	ROSES 2 1/2"	.198 lbs. Pr.
40RA	ESCUTCHEONS 2 3/4" x 9 7/8"	2.00 lbs. Each
30RA	2 5/8" x 9 1/4"	1.63 lbs. Each

SPECIFY FINISH REQUIRED

STANDARD OF QUALITY

CONCEALED SCREW ROSES

CAST BRASS, BRONZE AND ALUMINUM



914CE



908CE



906CE



904CE

NO.	SIZE	WEIGHT - Bronze
914CE	6"	1.25 lbs.
908CE	4"	.57 lbs.
906CE	3"	.21 lbs.
904CE	2 1/4"	.14 lbs.



902CE



900CE



1904PC



1904CE



904PC



902PC



900PC

NO.	SIZE	WEIGHT - Bronze
902CE	2"	.10 lbs.
900CE	1 3/4"	.10 lbs.
* 1904PC	2 1/4"	.10 lbs.
* 1904CE	2 1/4"	.13 lbs.
904PC	2 1/4"	.16 lbs.
902PC	2"	.14 lbs.
900PC	1 3/4"	.14 lbs.

* ROSES NUMBERS 1904 AND 1904CE ARE WROUGHT METAL

SPECIFY FINISH REQUIRED

STANDARD OF QUALITY
CONCEALED SCREW ROSES
 CAST BRASS, BRONZE AND ALUMINUM



906JH



904JH



902JH



900JH

NO.	SIZE	WEIGHT - Bronze
906JH	7 $\frac{1}{4}$ " x 6 $\frac{3}{4}$ "	.49 lbs.
904JH	3 $\frac{1}{2}$ "	.24 lbs.
902JH	3"	.19 lbs.
900JH	2 $\frac{1}{2}$ "	.16 lbs.



904CS



902CS



900CS



900MP



900JK



900JF



900MC

904CS	2 $\frac{1}{4}$ "	.36 lbs.
902CS	2"	.16 lbs.
900CS	1 $\frac{3}{4}$ "	.16 lbs.
900MP	2"	.19 lbs.
900JK	2"	.19 lbs.
900JF	2"	.19 lbs.
900MC	2"	.16 lbs.

SPECIFY FINISH REQUIRED

STANDARD OF QUALITY

CONCEALED SCREW ROSES

CAST BRASS, BRONZE AND ALUMINUM



904GE



904MA



902MA



900MA

NO.	SIZE	WEIGHT - Bronze
904GE	2 1/2"	.24 lbs.
904MA	2 1/4"	.19 lbs.
902MA	2"	.23 lbs.
900MA	1 3/4"	.23 lbs.



906MA



904SC



900NL



900HH

NO.	SIZE	WEIGHT - Bronze
906MA	3"	.21 lbs.
904SC	2 1/4"	.22 lbs.
900NL	1 7/8"	.16 lbs.
900HH	1 3/4"	.11 lbs.

SPECIFY FINISH REQUIRED

STANDARD OF QUALITY

KNOB AND LEVER HANDLE ROSES

CAST BRASS, BRONZE AND ALUMINUM



904HL



902HL



900HL



900PR

NO.	SIZE	WEIGHT - Bronze
904HL	3"	.22 lbs.
902HL	2 1/2"	.14 lbs.
900HL	2"	.11 lbs.
* 900PR	1 3/4"	.07 lbs.

* Wrought Metal



906PR



904PR



900DS



902PR



900AH

906PR	3 1/8"	.36 lbs.
904PR	2 1/8"	.13 lbs.
900DS	2 1/8"	.13 lbs.
902PR	1 7/8"	.13 lbs.
900AH	1 7/8"	.11 lbs.



900AB



900PO



900BC



900FB

900AB	2 1/16" x 1 3/4"	.14 lbs.
900PO	1 1/8" x 2 3/16"	.11 lbs.
900BC	1 3/4"	.08 lbs.
900FB	1 1/2" x 2 3/4"	.10 lbs.

SPECIFY FINISH

STANDARD OF QUALITY

KNOB AND LEVER HANDLE ROSES

CAST BRASS, BRONZE AND ALUMINUM



900SE



902SE



900PN



900PM

NO.	SIZE	WEIGHT - Bronze
900SE	2" x 2"	.25 lbs.
902SE	1 3/4" x 2 1/2"	.28 lbs.
900PN	1 7/8" x 2 5/8"	.22 lbs.
900PM	1 7/8" x 2 5/8"	.25 lbs.



900HP



900ST



5900KA



904FD

900HP	3" x 4"	.19 lbs.
900ST	2"	.10 lbs.
5900KA	2 1/2"	.14 lbs.
904FD	2" x 2 7/8"	.10 lbs.



900RA



900DA



900FC



900PT

900RA	2 3/8"	.27 lbs.
900DA	2 3/8"	.19 lbs.
900FC	2 7/8"	.14 lbs.
900PT	2 1/4" x 3 1/2"	.16 lbs.



904AA



900AA



902SA



900SA

904AA	3 5/8"	.24 lbs.
900AA	2 3/4"	.13 lbs.
902SA	3"	.32 lbs.
900SA	2 3/4"	.19 lbs.

STANDARD OF QUALITY
SPRING LEVER HANDLE ROSES
 CAST BRASS, BRONZE AND ALUMINUM



905FT



901DS



903PR



901AH

905FT	2 3/8"	.46 lbs.
901DS	2 1/8"	.14 lbs.
903PR	2"	.13 lbs.
901AH	1 7/8"	.14 lbs.



901AB



901PO



901BC



905FB

901AB	2 1/16" x 1 3/4"	.18 lbs.
901PO	1 1/2" x 2 3/16"	.14 lbs.
901BC	1 3/4"	.11 lbs.
905FB	1 7/16" x 2 7/8"	.11 lbs.



901HP



901ST



5901KA



901FD

901HP	3" x 4"	.27 lbs.
901ST	2"	.13 lbs.
5901KA	2 3/8"	.13 lbs.
901FD	2 1/8" x 3"	.13 lbs.

DIAMOND SPINDLING IS REGULAR - SPECIFY
 IF SQUARE SPINDLING IS REQUIRED

SPECIFY FINISH REQUIRED

STANDARD OF QUALITY

DOOR KNOBS AND ROSES

CAST BRASS, BRONZE AND ALUMINUM



300BL X 914CE



250BL X 908CE



200BL X 906CE

KNOB	SIZE	ROSE	SIZE	HEIGHT	WGHT. Brze.	PACKED
300BL	3"	914CE	6"	4 ¹ / ₂ "	5.13 lbs.	1 Pr.
250BL	2 ¹ / ₂ "	908CE	4"	3 ¹ / ₂ "	3.70 lbs.	1 Pr.
200BL	2"	906CE	3"	3"	1.75 lbs.	1 Pr.



175BL X 904CE



200NW X 900NW



175BT X 902CE

175BL	1 ³ / ₄ "	904CE	2 ¹ / ₄ "	2 ³ / ₄ "	1.13 lbs.	1 Pr.
200NW	2"	900NW	2"	2 ¹ / ₂ "	1.13 lbs.	1 Pr.
175BT	1 ³ / ₄ "	902CE	2"	2 ¹ / ₄ "	1.25 lbs.	1 Pr.

SPINDLES - DOOR KNOBS ARE FURNISHED WITH 5/16" x 20 THREAD SPINDLES. WHERE OTHER MAKERS' THREADS ARE REQUIRED, SO SPECIFY.

SPECIFY FINISH AND DOOR THICKNESS.

SWIVEL SPINDLES AND CLOSET SPINDLES MAY BE HAD - SEE PRICE LIST.

STANDARD OF QUALITY

DOOR KNOBS AND ROSES

CAST BRASS, BRONZE AND ALUMINUM



300 X 906MA



225 X 902MA



200 X 900MA



250 X 904GE



200 X 902GE



175 X 900GE

KNOB	SIZE	ROSE	SIZE	HEIGHT	WGHT. Brze.	PACKAGE
300MA	3"	906MA	3"	3"	2.75 lbs.	1 Pr.
225MA	2 1/4"	902MA	2 1/4"	2 1/2"	1.25 lbs.	1 Pr.
200MA	2"	900MA	2"	2 1/4"	1.13 lbs.	1 Pr.
250GE	2 1/2"	904GE	2 1/2"	2 3/8"	1.75 lbs.	1 Pr.
200GE	2"	902GE	2"	2 1/4"	1.65 lbs.	1 Pr.
175GE	1 3/4"	900GE	1 3/4"	2 1/8"	1.25 lbs.	1 Pr.

SPINDLES - DOOR KNOBS ARE FURNISHED WITH 5/16" X 20 THREAD SPINDLES. WHERE OTHER MAKER'S THREADS ARE REQUIRED, SO SPECIFY.

SPECIFY FINISH AND DOOR THICKNESS.

SWIVEL SPINDLES AND CLOSET SPINDLES MAY BE HAD - SEE PRICE LIST.

STANDARD OF QUALITY

DOOR KNOBS AND ROSES

CAST BRASS, BRONZE AND ALUMINUM



250FT X 904CS



200FT X 902CS



175FT X 900CS



225NT X 904PC



200NT X 902PC



175NT X 900CE



200DK X 900DK



200DL X 900DL



175PR X 900PR

Knob	Size	Rose	Size	Height	WGHT. Brze.	PACKED
250FT	2 1/2"	904CS	2 1/4"	3"	2.50 lbs.	1
200FT	2"	902CS	2"	2 7/8"	1.65 lbs.	1
175FT	1 3/4"	900CS	2"	2 1/2"	1.13 lbs.	1
225NT	2 1/4"	904PC	2 1/4"	2 1/2"	1.75 lbs.	1
200NT	2"	902PC	2"	2"	1.25 lbs.	1
175NT	1 3/4"	900CE	1 3/4"	2"	1.13 lbs.	1
200DK	2"	900DK	2"	2 1/4"	1.25 lbs.	1
200DL	2"	900DL	2"	2 1/4"	1.25 lbs.	1
175PR	1 3/4"	900PR	1 3/4"	2 1/4"	.91 lbs.	1

SPINDLES - DOOR KNOBS ARE FURNISHED WITH 5/16" x 20 THREAD SPINDLES. WHERE OTHER MAKERS' THREADS ARE REQUIRED, SO SPECIFY.

SPECIFY FINISH AND DOOR THICKNESS.

SWIVEL SPINDLES AND CLOSET SPINDLES MAY BE HAD - SEE PRICE LIST.

STANDARD OF QUALITY

DOOR KNOBS AND ROSES

CAST BRASS, BRONZE AND ALUMINUM



275AA X 906CE



225AA X 904CE



200AA X 902CE



200CE X 906CE



175CE X 904CE



150CE X 902CE



300PR X 906PR



225PR X 904PR



200PR X 902PR

Knob	Size	Rose	Size	Height	WGHT. Brze.	Packed
275AA	2 3/4"	906CE	3"	3"	2.00 lbs.	1 Pr.
225AA	2 1/4"	904CE	2 1/4"	2 3/4"	1.38 lbs.	1 Pr.
200AA	2"	902CE	2"	2 3/8"	1.13 lbs.	1 Pr.
200CE	2"	906CE	3"	3 1/2"	1.78 lbs.	1 Pr.
175CE	1 3/4"	904CE	2 1/4"	3"	1.13 lbs.	1 Pr.
150CE	1 1/2"	900CE	2"	2 3/4"	1.00 lbs.	1 Pr.
300PR	3"	906PR	3"	3"	3.13 lbs.	1 Pr.
225PR	2 1/4"	904PR	2 1/4"	1 5/8"	1.38 lbs.	1 Pr.
200PR	2"	902PR	2"	2 3/4"	1.38 lbs.	1 Pr.

SPINDLES - DOOR KNOBS ARE FURNISHED WITH 5/16" X 20 THREAD SPINDLES. WHERE OTHER MAKER'S THREADS ARE REQUIRED, SO SPECIFY.

SPECIFY FINISH AND DOOR THICKNESS.

SWIVEL SPINDLES AND CLOSET SPINDLES MAY BE HAD. SEE PRICE LIST.

STANDARD OF QUALITY

DOOR KNOBS AND ROSES

CAST BRASS, BRONZE AND ALUMINUM



225 X 900MP



200 X 900MP



200 X 900JK



200 X 900MF



200 X 900MC



200 X 900JH

KNOB	SIZE	ROSE	SIZE	HEIGHT	WGHT. Brze.	PACKED
225MP	2 1/4"	900MP	2 1/4"	2"	1.50 lbs.	1 pr.
200MP	2"	900MP	2 1/4"	2"	1.25 lbs.	1 pr.
200JK	2"	900JK	2 1/4"	2"	1.25 lbs.	1 pr.
200MF	2"	900MF	1 7/8" x 2 5/8"	2 1/4"	1.25 lbs.	1 pr.
200MC	2"	900MC	2 1/8"	2"	1.13 lbs.	1 pr.
200JH	2"	900JH	2 1/4"	2"	1.25 lbs.	1 pr.

SPINDLES - DOOR KNOBS ARE FURNISHED WITH 5/16" x 20 THREAD SPINDLES. WHERE OTHER MAKERS' THREADS ARE REQUIRED, SO SPECIFY.

SPECIFY FINISH AND DOOR THICKNESS.

SWIVEL SPINDLES AND CLOSET SPINDLES MAY BE HAD - SEE PRICE LIST.

STANDARD OF QUALITY

DOOR KNOBS

CAST BRASS, BRONZE AND WHITE BRONZE



250SK x 904AA



200SK x 900AA



200ST x 900ST



250SA x 902SA



200SA x 900SA



5200 x 5900KA

KNOB	SIZE	ROSE	HEIGHT	WGHT. -Bronze	PACKED
250SK	2 1/2"	902AA	2"	1.46 lbs.	1 pr.
200SK	2"	900AA	1 3/4"	.88 lbs.	1 pr.
200ST	2"	900ST	1 7/8"	.53 lbs.	1 pr.
250SA	2 1/2"	902SA	2 1/8"	2.63 lbs.	1 pr.
200SA	2"	900SA	2 1/8"	1.38 lbs.	1 pr.
5200KA	2"	5900KA	1 5/8"	.88 lbs.	1 pr.

SPINDLES - DOOR KNOBS ARE FURNISHED WITH 5/16" x 20 THREAD SPINDLES. WHERE OTHER MAKER'S THREADS ARE REQUIRED, SO SPECIFY.

SPECIFY FINISH AND DOOR THICKNESS.

SWIVEL SPINDLES AND CLOSET SPINDLES MAY BE HAD - SEE PRICE LIST.

STANDARD OF QUALITY

DOOR KNOBS

CAST BRASS, BRONZE AND ALUMINUM



225TL x 904CS



200TL x 902CS



175TL x 900CS



390PO x 902PR



200AB x 900AB



150TL x 900CS

NO.	SIZE	ROSE	SIZE	HEIGHT	WGHT.-Brze	PACKED
225TL	2 1/4"	904CS	2 1/4"	3"	2.00 lbs.	1 pr.
200TL	2"	902CS	2"	2 7/8"	1.50 lbs.	1 pr.
175TL	1 3/4"	900CS	1 3/4"	2 1/2"	1.38 lbs.	1 pr.
150TL	1 1/2"	900CS	1 3/4"	2 3/8"	1.00 lbs.	1 pr.
390PO	1 1/2" x 2 1/4"	902PR	2"	1 3/4"	.88 lbs.	1 pr.
200AB	2"	900AB	2"	1 7/8"	.88 lbs.	1 pr.

SPINDLES - DOOR KNOBS ARE FURNISHED WITH 5/16" x 20 THREAD SPINDLES. WHERE OTHER MAKER'S THREADS ARE REQUIRED, SO SPECIFY.

SPECIFY FINISH AND DOOR THICKNESS.

SWIVEL SPINDLES AND CLOSET SPINDLES MAY BE HAD - SEE PRICE LIST.

STANDARD OF QUALITY

DRAWER KNOBS

CAST BRASS, BRONZE, ALUMINUM AND CAST IRON



150MP



100MC



100BL



100CE



125DL



100BT



100AA



125AA



100NW



125NW



125SA



125PR



100FT



100TL



125SK

NO.	SIZE	HEIGHT	WEIGHT	PACKED
150MP	1 1/2"	1 5/16"	.16 lbs.	12
100MC	1"	1 1/16"	.14 lbs.	12
100BL	1"	1 7/16"	.21 lbs.	12
100CE	1"	1 9/16"	.23 lbs.	12
125DL	1 1/4"	1 3/16"	.21 lbs.	12
100BT	1"	1 1/4"	.16 lbs.	12
100AA	1"	1 1/4"	.13 lbs.	12
125AA	1 1/4"	1 1/4"	.18 lbs.	12
100NW	1"	1 5/16"	.16 lbs.	12
125NW	1 1/4"	1 3/8"	.25 lbs.	12
125SA	1 1/4"	1 5/16"	.32 lbs.	12
125PR	1 1/4"	1 1/16"	.23 lbs.	12
100FT	1"	1 5/16"	.16 lbs.	12
100TL	1"	1 5/8"	.27 lbs.	12
125SK	1 1/4"	1 1/4"	.25 lbs.	12

FOR MORTISE BOLT KNOBS TO MATCH ABOVE DRAWER KNOBS
SEE PRICE LIST
SPECIFY FINISH AND THICKNESS OF DRAWERS OR DOORS

STANDARD OF QUALITY
LEVER HANDLES
 CAST BRASS AND BRONZE



400AB x 900AB



300AB x 900PO



400CN x 902PA



400PR x 902PR



300PR x 900AH



275PR x 900PO

NO.	LENGTH OVER ALL	LENGTH TO CENTER OF SHANK	HEIGHT	CLEARANCE	WEIGHT EACH
400AB	4"	3 $\frac{1}{2}$ "	1 $\frac{1}{8}$ "	7/8"	.344 lbs.
300AB	3 $\frac{3}{8}$ "	3"	1 $\frac{1}{8}$ "	3/4"	.313 lbs.
400CN	3 $\frac{5}{8}$ "	3 $\frac{3}{8}$ "	1 $\frac{3}{4}$ "	1 1/8"	.250 lbs.
400PR	4 $\frac{1}{2}$ "	4"	1 $\frac{1}{2}$ "	7/8"	.438 lbs.
300PR	3 $\frac{1}{2}$ "	3"	1 $\frac{1}{2}$ "	7/8"	.375 lbs.
275PR	3"	2 $\frac{3}{4}$ "	1 $\frac{1}{2}$ "	7/8"	.282 lbs.

PACKED ONE PAIR IN A BOX WITH ROSES IF ORDERED
 WEIGHTS GIVEN ARE WITHOUT ROSES
 LEVER HANDLES ARE PRICED WITHOUT ROSES

SEE PAGES 131 - 136 FOR PLAIN AND SPRING ROSES

DIAMOND SPINDLING IS REGULAR - SPECIFY IF
 SQUARE SPINDLING IS REQUIRED

SPECIFY HAND, FINISH AND THICKNESS OF DOORS

STANDARD OF QUALITY

LEVER HANDLES

CAST BRASS AND BRONZE



500AG x 905AH



400AG x 902PR



300AG x 900PO



500FT x 905AH



400FT x 900AH



400ST x 900PO

HANDED LEVERS ARE SHOWN RIGHT HAND

NO.	LENGTH OVER ALL	LENGTH TO CENTER OF SHANK	HEIGHT	CLEARANCE	WEIGHT EACH
500AG	5 ¹ / ₈ "	4 3/4"	2"	1 1/4"	.688 lbs.
400AG	4 ¹ / ₄ "	3 3/4"	1 7/8"	1"	.563 lbs.
300AG	3 ³ / ₈ "	2 7/8"	1 7/8"	1"	.438 lbs.
500FT	5"	4 1/2"	2 1/2"	1 7/8"	.875 lbs.
400FT	4"	3 1/2"	2"	1 5/8"	.500 lbs.
400ST	4"	3 3/4"	1 3/4"	1 1/4"	.438 lbs.

PACKED ONE PAIR IN A BOX WITH ROSES IF ORDERED
WEIGHTS GIVEN ARE WITHOUT ROSES
LEVER HANDLES ARE PRICED WITHOUT ROSES

SEE PAGES 131 - 136 FOR PLAIN AND SPRING ROSES

DIAMOND SPINDLING IS REGULAR - SPECIFY IF
SQUARE SPINDLING IS REQUIRED

SPECIFY HAND, FINISH AND THICKNESS OF DOORS

STANDARD OF QUALITY

LEVER HANDLES

CAST BRASS AND BRONZE



400ME x 900SE



400MP x 902SE



400MB x 900AB



400MC x 900AH



400AN x 900PO



400HH x 900HH

NO.	LENGTH OVER ALL	LENGTH TO CENTER OF SHANK	HEIGHT	CLEARANCE	WEIGHT EACH
400ME	4 $\frac{3}{8}$ "	3 $\frac{3}{4}$ "	1 $\frac{3}{4}$ "	1 $\frac{7}{16}$ "	.57 lbs.
400MP	4 $\frac{1}{2}$ "	3 $\frac{3}{4}$ "	1 $\frac{9}{16}$ "	1 $\frac{1}{8}$ "	.57 lbs.
400MB	4 $\frac{1}{4}$ "	3 $\frac{1}{2}$ "	1 $\frac{3}{4}$ "	1 $\frac{3}{8}$ "	.44 lbs.
400MC	4 $\frac{3}{8}$ "	3 $\frac{3}{4}$ "	1 $\frac{3}{4}$ "	1 $\frac{7}{16}$ "	.57 lbs.
400AN	3 $\frac{3}{4}$ "	3 $\frac{1}{2}$ "	1 $\frac{3}{4}$ "	1 $\frac{3}{8}$ "	.38 lbs.
400HH	4 $\frac{1}{4}$ "	3 $\frac{7}{8}$ "	1 $\frac{5}{8}$ "	1 $\frac{3}{16}$ "	.44 lbs.

PACKED ONE PAIR IN A BOX WITH ROSES IF ORDERED
WEIGHTS GIVEN ARE WITHOUT ROSES
LEVER HANDLES ARE PRICED WITHOUT ROSES

SEE PAGES 131 - 136 FOR PLAIN AND SPRING ROSES

DIAMOND SPINDLING IS REGULAR - SPECIFY IF SQUARE
SPINDLING IS REQUIRED

SPECIFY FINISH, HAND AND THICKNESS OF DOORS

STANDARD OF QUALITY

LEVER HANDLES

CAST BRASS AND BRONZE



500TA x 902PR



400TA x 900ST



375AL x 900AH



400AD x 900BC



300AE x 900PO



350AF x 900PO

NO.	LENGTH OVER ALL	LENGTH TO CENTER OF SHANK	HEIGHT	CLEARANCE	WEIGHT EACH
500TA	4 ⁵ / ₈ "	3 1/4"	2"	1 3/16"	.69 lbs.
400TA	4"	2 7/8"	1 5/16"	1 1/8"	.47 lbs.
375AL	3 1/2"	3 3/16"	1 3/4"	1 1/8"	.41 lbs.
400AD	3 3/8"	3 1/8"	1 1/2"	7/8"	.25 lbs.
300AE	3"	2 1/2"	1 3/4"	1 3/16"	.22 lbs.
350AF	3 1/2"	3 1/8"	1 1/2"	3/4"	.35 lbs.

PACKED ONE PAIR IN A BOX WITH ROSES IF ORDERED
WEIGHTS GIVEN ARE WITHOUT ROSES
LEVER HANDLES ARE PRICED WITHOUT ROSES

SEE PAGES 131 - 136 FOR PLAIN AND SPRING ROSES

DIAMOND SPINDLING IS REGULAR - SPECIFY IF SQUARE
SPINDLING IS REQUIRED

SPECIFY FINISH, HAND AND THICKNESS OF DOORS

STANDARD OF QUALITY

LEVER HANDLES

CAST BRASS AND BRONZE



400HP x 900HP



500MR x 902PR



400AH x 900AH



425SU x 902PR



400RL x 900ST



500PB x 900PO

ALL HANDLES HANDED ARE SHOWN RIGHT HAND

NO.	LENGTH OVER ALL	LENGTH TO CENTER OF SHANK	HEIGHT	CLEARANCE	WEIGHT EACH
400HP	4 5/8"	4 1/4"	2"	1 1/8"	.57 lbs.
500MR	4 3/4"	4 3/8"	1 7/8"	1 1/4"	.66 lbs.
400AH	4"	3 3/8"	2 1/2"	1 3/8"	.47 lbs.
425SU	4 1/2"	4 1/8"	2 1/8"	1 3/16"	.57 lbs.
400RL	4 1/2"	4"	1 3/4"	1 1/8"	.63 lbs.
500PB	4 1/2"	4 1/8"	2 1/8"	1 1/2"	.66 lbs.

PACKED ONE PAIR IN A BOX WITH ROSES IF ORDERED
WEIGHTS GIVEN ARE WITHOUT ROSES
LEVER HANDLES ARE PRICED WITHOUT ROSES

SEE PAGES 131 - 136 FOR PLAIN AND SPRING ROSES

DIAMOND SPINDLING IS REGULAR - SPECIFY IF SQUARE
SPINDLING IS REQUIRED

SPECIFY FINISH, HAND AND THICKNESS OF DOORS

STANDARD OF QUALITY

KEY PLATES

CAST BRASS, BRONZE AND ALUMINUM



150PR



150CE



50PR



50PO



50AH



50MA



50PM

NO.	SIZE	WEIGHT - Bronze	PACKED
* 150PR	1 3/8"	.0156 lb.	12
* 150CE	1 3/8"	.0156 lb.	12
50PR	1 3/8"	.0313 lb.	12
50PO	1 3/8"	.0313 lb.	12
50AH	1 1/2"	.0625 lb.	12
50MA	1 3/4"	.0625 lb.	12
50PM	1 1/8" x 2 1/8"	.0468 lb.	12

* Wrought Metal



50AB



50PT



50DL



50ST



50SK



50SA

NO.	SIZE	WEIGHT - Bronze	PACKED
50AB	1 3/16" x 1 5/16"	.0156 lb.	12
50PT	1 1/4" x 2 3/8"	.0468 lb.	12
50DL	1" x 2"	.0468 lb.	12
50ST	7/8" x 1 7/8"	.0468 lb.	12
50SK	1" x 1 9/16"	.0313 lb.	12
50SA	1 7/8" x 1 7/8"	.0468 lb.	12

SPECIFY FINISH REQUIRED

STANDARD OF QUALITY

KEY PLATES

CAST BRASS, BRONZE AND ALUMINUM



50HP



55AA



50FD



50PU



50FB



50AA



5050KA

NO.	SIZE	WEIGHT - Bronze	PACKED
50HP	2 1/8" x 2 5/8"	.0625 lb.	12
55AA	1 1/2" x 1 1/2"	.0468 lb.	12
50FD	1 1/8" x 2 7/16"	.0468 lb.	12
50PU	1" x 2 1/2"	.0313 lb.	12
50FB	1" x 2"	.0156 lb.	12
50AA	1 5/16" x 1 1/2"	.0313 lb.	12
* 5050KA	1 3/16" x 2 1/8"	.0468 lb.	12



60EG



60EH



60ES



60EN



60EL



60BA

60EG	1" x 2 1/8"	.0781 lb.	12
60EH	3/4" x 2 1/4"	.0781 lb.	12
60ES	3/4" x 2 1/4"	.0625 lb.	12
60EN	1" x 2 5/16"	.0781 lb.	12
60EL	1" x 2 1/4"	.0938 lb.	12
60BA	1 3/16" x 1 7/8"	.109 lb.	12



60BE



60BC



60BD








60BE	11/16" x 2 1/4"	.0625 lb.	12
60BC	5/8" x 1 15/16"	.0468 lb.	12
60BD	11/16" x 1 7/8"	.0468 lb.	12

SPECIFY FINISH REQUIRED







STANDARD OF QUALITY








THUMB TURNS

CAST BRASS, BRONZE AND ALUMINUM

						
1316PR	1316CE NO.	316PR SIZE	316PO	316AH WEIGHT - Bronze	316MA	316PM PACKED
	* 1316PR	1 3/8"		.078 lbs.		6
	* 1316CE	1 3/8"		.094 lbs.		6
	316PR	1 3/8"		.109 lbs.		6
	316PO	1" x 1 9/16"		.109 lbs.		6
	316AH	1 1/2"		.14 lbs.		
	316MA	1 3/4"		.141 lbs.		
	316PM	1 1/8" x 2 1/8"		.130 lbs.		

* Wrought Metal

					
316AB	316PT	316DL	316ST	316SK	316SA
316AB		13/16" x 15/16"		.094 lbs.	6
316PT		1 1/4" x 2 3/8"		.109 lbs.	6
316DL		1" x 2"		.109 lbs.	6
316ST		7/8" x 1 7/8"		.130 lbs.	6
316SK		11/16" x 1 9/16"		.130 lbs.	6
316SA		1 7/8" x 1 7/8"		.130 lbs.	6

						
316HP	317AA	316FD	316PU	316FB	316AA	5316KA
	316HP	2 1/8" x 2 5/8"		.130 lbs.		6
	317AA	1 1/2" x 1 1/2"		.130 lbs.		6
	316FD	1 1/8" x 2 7/16"		.109 lbs.		6
	316PU	1" x 2 1/2"		.109 lbs.		6
	316FB	1" x 2"		.094 lbs.		6
	316AA	15/16" x 1 1/2"		.782 lbs.		6
	5316KA	1 3/16" x 2 1/8"		.130 lbs.		

THUMB TURNS ARE FURNISHED REGULARLY WITH
3/16" DIAMOND TAIL PIECES

FLAT AND SQUARE TAIL PIECES WILL BE FURNISHED
ON ORDER

SPECIFY FINISH REQUIRED

STANDARD OF QUALITY
DROP HANDLES
 CAST BRASS AND BRONZE



611



610



8



7



621



622



620

NO.	SIZE	ROSE	PROJ.	DROP	WGHT.	PACK
611	1 3/4" x 3"	1 1/2"	5/8"	1 3/4" x 2 1/2"	.19 lbs.	6
610	1 3/8" x 2 3/8"	1 1/8"	9/16"	1 3/8" x 2"	.16 lbs.	6
8	1 3/8" x 2 3/4"	1 3/8"	3/4"	1/2" x 2 1/2"	.16 lbs.	6
7	7/8" x 2"	7/8"	3/4"	3/8" x 1 3/16"	.10 lbs.	6
621	3" x 3 1/2"	2"	1 3/4"	3" x 3"	.53 lbs.	1
622	2 5/8" x 3 3/8"	2"	1 3/4"	2 7/8" x 2 5/8"	.47 lbs.	1
620	2 3/4" x 3 3/8"	2"	1 7/8"	3" x 2 3/4"	.60 lbs.	1

DROP HANDLES ARE PRICED WITH NO. 900HL ROSES

HANDLES ARE SPINDLED 5/16" ON THE DIAMOND

SQUARE SPINDLES MAY BE HAD WHEN ORDERED

SWIVEL SPINDLES FOR ADJUSTMENT WILL BE FURNISHED
 WHEN USED IN PAIRS

ANY OF OUR PLAIN OR CONCEALED ROSES MAY BE USED

SPECIFY FINISH AND THICKNESS OF DOORS

STANDARD OF QUALITY

FLUSH CUP HANDLES

CAST BRASS AND BRONZE



300



301



302



200



201



202

NO.	DEPTH	PROJECTION	WEIGHT	PACKED
300	7/16"	-	.57 lbs.	2
301	-	9/16"	.38 lbs.	2
302	-	9/16"	.32 lbs.	2
200	5/16"	-	.32 lbs.	2
201	-	1/2"	.19 lbs.	2
202	-	1/2"	.19 lbs.	2

HANDLES ARE SPINDLED 5/16" ON THE DIAMOND. SQUARE SPINDLES MAY BE HAD WHEN ORDERED.

SWIVEL SPINDLES FOR ADJUSTMENT WHEN REQUIRED.

SPECIFY FINISH AND THICKNESS OF DOORS.

STANDARD OF QUALITY

FLUSH PULLS AND ESCUTCHEONS

BRASS, BRONZE AND ALUMINUM



489



490



488



570



492



491



493



494

NO.	SIZE	DEPTH	SPINDLE	PACK	WEIGHT	
					Bronze	Aluminum
489	3" x 5 7/8"	1/2"	-	2	.50 lbs.	.17 lbs.
*490	3" x 5 7/8"	1/2"	5/16"	2	.63 lbs.	.21 lbs.
488	2 1/8" x 4 1/8"	7/16"	-	6	.32 lbs.	.11 lbs.
570	1" x 4 1/4"	-	-	12	.25 lbs.	.08 lbs.
492	3"	7/16"	-	6	.28 lbs.	.09 lbs.
491	2"	3/8"	-	6	.16 lbs.	.05 lbs.
493	1 1/2" x 3 5/8"	11/16"	-	12	.32 lbs.	.11 lbs.
494	1 1/2" x 3 1/2"	5/8"	-	12	.19 lbs.	.06 lbs.

*SPINDLE FURNISHED REGULARLY ON THE DIAMOND

SPECIFY FINISH REQUIRED

STANDARD OF QUALITY

LETTER BOX PLATES

CAST BRASS, BRONZE AND ALUMINUM



NO. 900

WITH INSIDE BORDER PLATE

SIZE - 9" x 3 1/2" OPENING - 7 3/8" x 2 1/4"

WEIGHT - Bronze Aluminum
2.37 lbs. .79 lbs.


NO. 901

WITH INSIDE HOOD

SIZE OF HOOD - 9" x 3 1/4"

WEIGHT - Bronze Aluminum
3.96 lbs. 1.32 lbs.


NO. 1100

WITH INSIDE BORDER PLATE

SIZE - 11 1/4" x 3 1/2" OPENING - 9 1/4" x 2"

BORDER PLATE

SIZE - 11 1/4" x 3 1/2" OPENING - 9 1/4" x 2"

WEIGHT - Bronze Aluminum
2.55 lbs. .85 lbs.


NO. 1101

WITH INSIDE HOOD

SIZE OF HOOD - 11 1/4" x 3 1/2"

WEIGHT - Bronze Aluminum
3.75 lbs. 1.25 lbs.


NO. 1500

WITH INSIDE BORDER PLATE

SIZE - 14 1/4" x 4 1/2" OPENING - 12" x 2 7/8"

BORDER PLATE

SIZE - 14" x 4 5/8" OPENING - 12 3/4" x 3"

WEIGHT - Bronze Aluminum
4.13 lbs. 1.40 lbs.


NO. 1501

WITH INSIDE HOOD

SIZE - 14 3/8" x 4 3/8" OPENING - 12 3/4" x 3"

WEIGHT - Bronze Aluminum
5.75 lbs. 1.92 lbs.


PACKED ONE IN A BOX

SPECIFY FINISH AND THICKNESS
IF OVER 2 1/4"

QUADRANTS, LATCHES AND HINGES

STANDARD OF QUALITY
CAST BRASS AND BRONZE



560 - RH



560 - LH



6100



6105



6110 RH



6110 - LH

NO.	SIZE	BACK PLATES	WGHT. Brze.	PACKED
560	4 1/4" x 4 5/8"	1 3/8" x 3"	1.00 lb.	1
6100	2 7/8" x 4 1/8"	3/4" x 4 1/8"	.32 lb.	6
6105	2 7/8" x 3 1/4"	3/4" x 3 1/4"	.12 lb.	6
6110	1 5/8" x 5 1/4"	1 5/8" x 2 1/8"	.32 lb.	6

SPECIFY FINISH REQUIRED



1700 - 1700 1/2



1600 - 1600 1/2



1500



1300



22



20

NO.	SIZE	WIDTH OPEN	WIDTH OF FLANGE	WEIGHT - Pr. Bronze	PACKED
1700	7"	5"	1 1/4"	4.00 lbs.	1 pr.
*1700 1/2	7"	5"	1 1/4"	4.00 lbs.	1 pr.
1600	6"	4"	7/8"	2.38 lbs.	1 pr.
*1600 1/2	6"	4"	7/8"	2.38 lbs.	1 pr.
1500	5"	3 1/4"	3/4"	1.25 lbs.	1 pr.
1300	3"	2 1/4"	1/2"	.50 lbs.	6 pr.
22	3 1/8"	Offset 3/8"	5/8"	.38 lbs.	6 pr.
20	3"		1/2"	.25 lbs.	6 pr.

* 1/2 NUMBERS ARE BALL BEARING

STANDARD OF QUALITY

HEAVY DOOR STOPS AND HOLDERS

CAST BRASS, BRONZE AND ALUMINUM
BASES - 2 1/2" DIAMETER RUBBERS - 1" DIAMETER



NO. 11 1/2 NO. 11 3/4

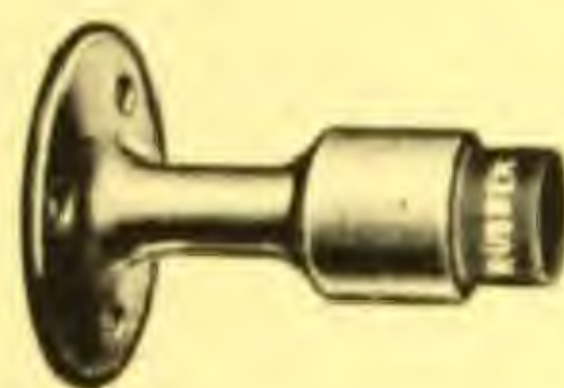


NO. 11 - RH

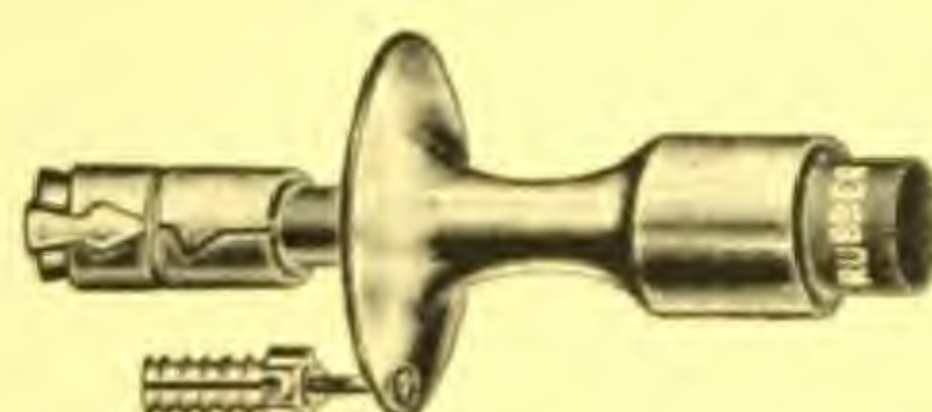


NO. 13 - RH

NO.	HEIGHT	WGHT. - Bronze	Aluminum	PACKED
11 1/2	3 1/2"	1.00 lbs.	.25 lbs.	6
11 3/4	3 3/4"	.69 lbs.	.23 lbs.	6
11	3 1/8"	1.00 lbs.	.33 lbs.	6
13	3 1/2"	.93 lbs.	.31 lbs.	6



NO. 13 1/2



NO. 12 1/2



NO. 12 - RH

NO.	HEIGHT	WGHT. - Bronze	Aluminum	PACKED
13 1/2	3 1/2"	.66 lbs.	.22 lbs.	6
12 1/2	3 1/2"	1.05 lbs.	.35 lbs.	6
12	3 1/2"	1.32 lbs.	.44 lbs.	6



NO. 10 - RH

NO.	HEIGHT	WGHT. Alum.	Bronze	PACK
10	3 1/2"	1.32 lbs.	.44 lbs.	6
10 1/2	3 1/2"	1.14 lbs.	.38 lbs.	6

SPECIFY FINISH & HAND



NO. 10 1/2

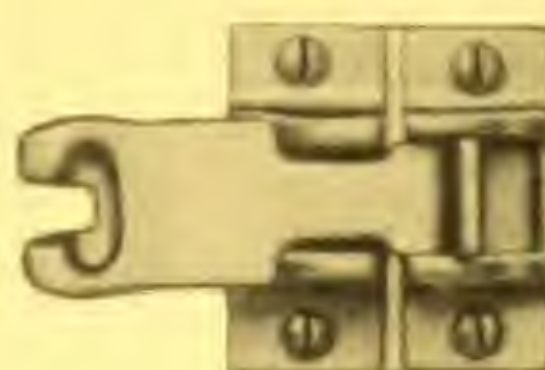
STANDARD OF QUALITY

SAFETY WINDOW HARDWARE

PATENTED



NO. 10



NO. 10



NO. 20



NO. 40



NO. 60



NO. 70



NO. 30



NO. 50

NO.	NO. 10 SASH LOCK SIZE	WEIGHT	PACKED
10	2" x 3 1/8"	.60 lbs.	12
20	NO. 20 PULL DOWN HOOK 1" x 3 3/8"	.50 lbs.	12
40	NO. 40 SASH PULL PLATE 1" x 2"	.094 lbs.	12
60	NO. 60 SASH PULL PLATE 2" x 2 1/2"	.18 lbs.	12
30	NO. 30 SASH PULL PLATE 1" x 2"	.063 lbs.	12
50	NO. 50 SASH PULL PLATE 1 7/8" x 2 1/2"	.094 lbs.	12
70	NO. 70 SASH POLE HANGER 1" x 2"	.13 lbs.	12

THESE SASH LOCKS WILL TIGHTEN MEETING RAILS UP TO 3/8" OUT OF ALIGNMENT.

PULL DOWN HOOKS ARE DESIGNED SO THAT THEY MAY NOT BE USED TO OPERATE SASH BY PULLING ON MUNTIN BARS.

INTERLOCKING OF PULL DOWN HOOK IN SASH LOCKS AND SASH PULL PLATES ELIMINATES GLASS BREAKAGE THAT OCCURS WHEN OTHER TYPES OF DOUBLE HUNG WINDOW HARDWARE IS USED.

STOCK FINISHES - RB Dull Bronze - BB Dead Black

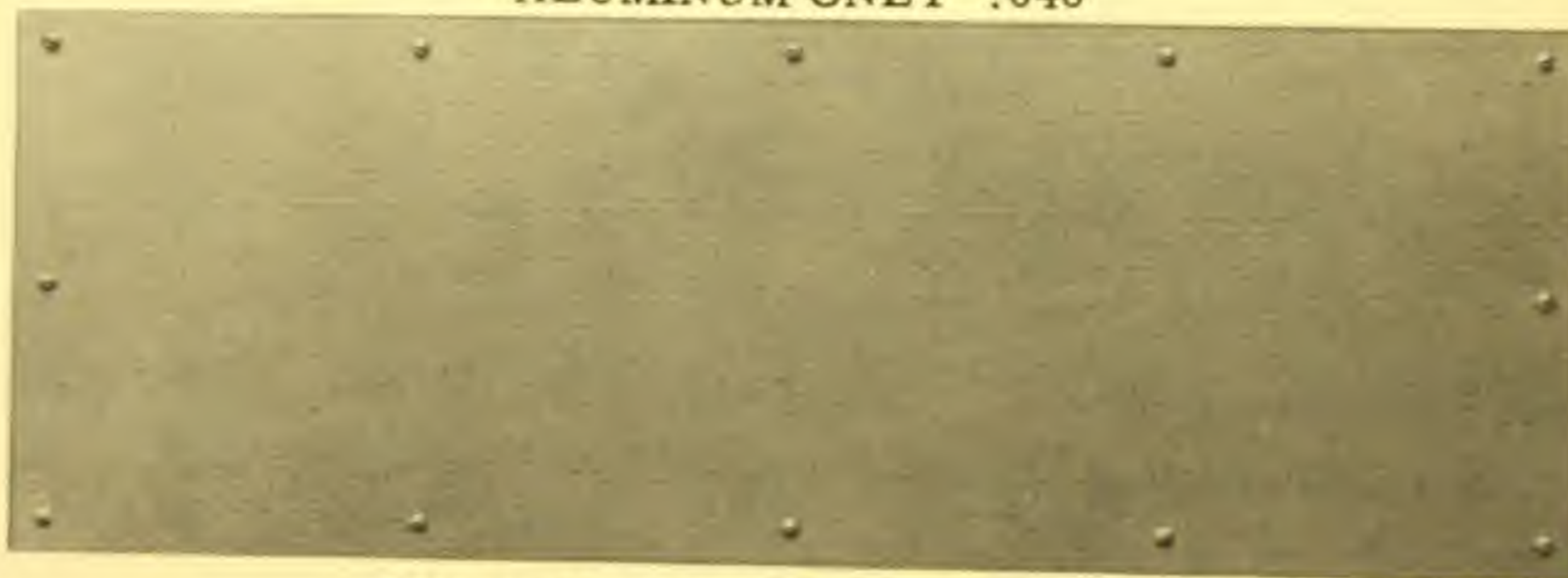
STANDARD OF QUALITY

KICK PLATES

BRASS, BRONZE, ALUMINUM, STAINLESS STEEL AND BLACK IRON

PLAIN SQUARE EDGE REGULAR
BEVEL EDGE AT AN ADVANCE IN PRICEBRASS, BRONZE AND ALUMINUM PLATES ARE STOCKED IN 16 GA. .051
AND 14 GA. .064

STAINLESS STEEL PLATES ARE STOCKED IN 18 GA. .050 AND 16 GA. .062

BLACK IRON PLATES, EITHER PLAIN, PRIME COAT OR BB FINISH ARE
STOCKED IN 16 GA. .062REEDED KICK PLATES
ALUMINUM ONLY .040FURNISHED SQUARE EDGE ONLY
GAUGES OTHER THAN LISTED ABOVE WILL BE QUOTED UPON RECEIPT
OF SPECIFICATIONSALL KICK PLATES ARE WRAPPED SEPARATELY WITH SCREWS TIED TO
EACH PLATE IN A COTTON BAG - THIS INSURES DELIVERY OF
SCREWS AFTER WRAPPING IS REMOVED

STANDARD OF QUALITY

STUDS

CAST BRASS, BRONZE AND WHITE BRONZE



120



121



122



123



158



185



186



102



78



105



200



100



75



50



38



125



101



103



104



76

NO.	SIZE	WEIGHT	PROJ.	NO	SIZE	WEIGHT	PROJ.
120	2"	.44 lbs.	1 1/16"	75	5/8"	.08 lbs.	1/2"
185	2"	.14 lbs.	3/8"	103	7/8"	.06 lbs.	1/2"
200	1 1/2"	.23 lbs.	1/2"	123	2"	.25 lbs.	7/8"
125	1 5/8"	.09 lbs.	3/8"	78	13/16"	.05 lbs.	1/4"
121	2 1/8"	.50 lbs.	1"	50	1/2"	.03 lbs.	11/32"
186	1 1/2"	.09 lbs.	3/8"	104	1/2"	.03 lbs.	1/4"
100	1"	.06 lbs.	9/32"	158	1 5/8"	.27 lbs.	7/8"
101	1"	.06 lbs.	7/16"	105	1"	.03 lbs.	7/32"
122	1 7/8"	.31 lbs.	1"	38	3/8"	.015 lbs.	1/4"
102	1"	.06 lbs.	3/8"	76	11/16"	.03 lbs.	5/16"

ALL STUDS ARE FURNISHED WITH DRIVE SCREWS

STANDARD OF QUALITY

HINGE PLATES

CAST BRASS, BRONZE, AND WHITE BRONZE



NO.	SIZE	SURFACE NO.	BUTT	SPREAD	WEIGHT
1100	18"	1	-	5 3/8"	1.44 lbs.
	24"	1	-	5 3/8"	2.00 lbs.
1101	8 1/2"	3	5"	5 3/8"	.69 lbs.
	18"	3	5"	5 3/8"	1.44 lbs.
	22"	3	5"	5 3/8"	1.81 lbs.
	28"	3	5"	5 3/8"	2.31 lbs.
	30"	3	5"	5 3/8"	2.50 lbs.



NO.	SIZE	SURFACE NO.	BUTT	SPREAD	WEIGHT
1102	18"	1	4"	4"	2.00 lbs.
	24"	1	4"	4"	3.00 lbs.
1107	18"	3	4"	4"	2.00 lbs.
	25"	3	4"	4"	2.75 lbs.
	27"	3	4"	4"	2.94 lbs.
	36"	3	4"	4"	4.00 lbs.



NO.	SIZE	SURFACE NO.	BUTT	SPREAD	WEIGHT
1108	18"	3	4 1/2"	5"	2.25 lbs.
	28"	3	4 1/2"	5"	3.50 lbs.
	30"	3	4 1/2"	5"	3.75 lbs.
	36"	3	4 1/2"	5"	4.50 lbs.

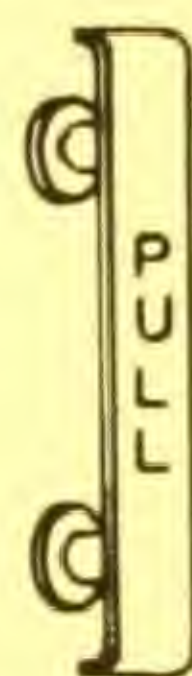


NO.	SIZE	SURFACE NO.	BUTT	SPREAD	WEIGHT
1109	18"	3	5"	5"	2.63 lbs.
	22"	3	5"	5"	3.31 lbs.
	28"	3	5"	5"	4.00 lbs.

HINGE PLATES FURNISHED WITH DRIVE SCREW STUDS
SPECIFY FINISH

CATALOG NO. 10

HARDWARE FOR
TEMPERED GLASS
DOORS
—
THRESHOLDS



DETROIT HARDWARE MFG. CO.

1320 MT. ELLIOTT AVE. DETROIT 7, MICH. U.S.A.



STANDARD OF QUALITY

NUMERICAL INDEX - CATALOGUE NO. 10

NO.	PAGE	NO.	PAGE
3	18	117	14
04	20	117 x 55	18
04 x 56	21	118	15
4	20	119	14
4 x 56	21	119 x 55	18
5	18	120	15
06	20	120 x 56	19
06 x 56	21	121	15
6	20	121 x 56	19
6,x 56	21	122	14
14	20	122 x 55	18
14 x 56	21	123	14
16	20	123 x 55	18
16 x 56	21	124	16
30	13	124 x 56	19
40	13	125	16
50	12	125 x 56	19
55	13	425	13
56	13	2525	1
60	12	2526	1
74	12	2530	2
100	17	2531	2
101	17	2532	1
102	17	2533	1
103	17	2534	2
104	17	2535	2
105	17	2536	1
106	17	2537	1
107	17	2538	2
108	14	2539	2
109	14	2540	7
110	14	2541	7
111	14	2545	7
112	15	2546	7
112 x 56	19	2555	3
113	15	2556	3
113 x 56	19	2573	10
114	15	2580	4
114 x 56	19	2592	9
115	15	2593	4, 9
115 x 56	19	2596	5
116	15	3000	5

STANDARD OF QUALITY

NUMERICAL INDEX - CATALOGUE NO. 10

NO.	PAGE	NO.	PAGE
3003	4	3029	6
3005	5	3030	6
3006	3	3031	6
3007	3	3037	6
3008	3	3038	6
3009	3	3040	9
3012	10	3041	9
3013	10	3042	9
3016	4	3046	9
3017	4	3047	5
3020	4, 9	3540	8
3021	4, 9	3541	8
3022	5	3542	8
3024	5	3543	8
3026	4	3544	8
3027	4	3545	8
3028	6	3573	10

REGULAR FINISHES

DETROIT	US	
RB	10	DULL BRONZE
CHB	26D	DULL CHROME
AL	-	ALUMILITED ALUMINUM
SS	-	STAINLESS STEEL

OTHER FINISHES WILL BE FURNISHED ON ORDER

STANDARD OF QUALITY

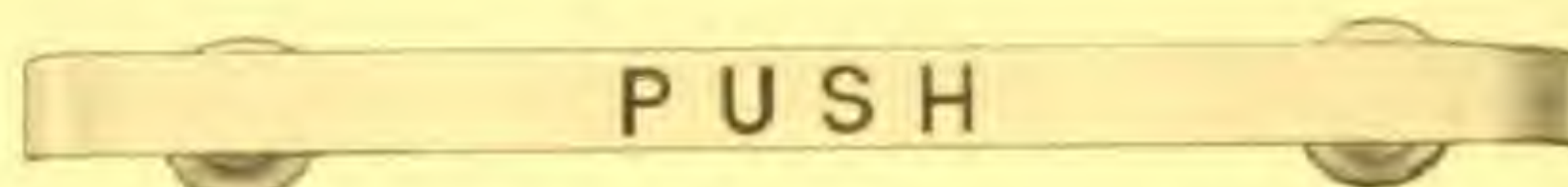
PUSH AND PULL BARS

FOR 3/4" TEMPERED GLASS DOORS
 3/8" x 1 1/4" SOLID BAR STOCK
 BRONZE, ALUMINUM AND STAINLESS STEEL



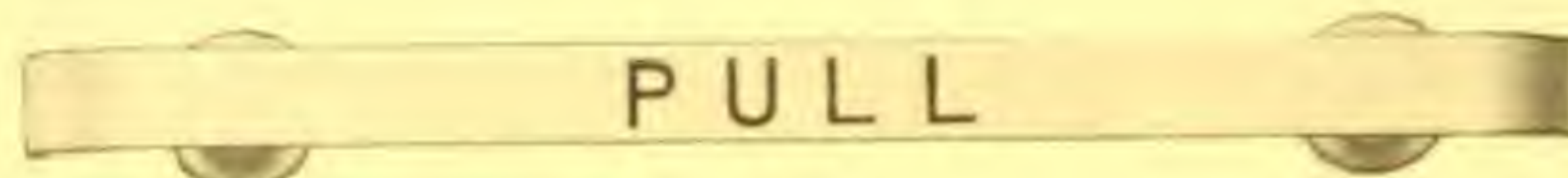
NO.	NO. 2525 - SINGLE BAR - ONE SIDE OF DOOR		
	BASES	HEIGHT	CLEARANCE
2525	2"	2 1/16"	1 11/16"

NO.	NO. 2526 - DOUBLE BAR - BOTH SIDES OF DOOR		
	BASES	HEIGHT	CLEARANCE
2526	2"	2 1/16"	1 11/16"



NO.	NO. 2536 - SINGLE BAR - ONE SIDE OF DOOR		
	BASES	HEIGHT	CLEARANCE
2536	2"	2 1/16"	1 11/16"

NO.	NO. 2532 - DOUBLE BAR - BOTH SIDES OF DOOR		
	BASES	HEIGHT	CLEARANCE
2532	2"	2 1/16"	1 11/16"



NO.	NO. 2537 - SINGLE BAR - ONE SIDE OF DOOR		
	BASES	HEIGHT	CLEARANCE
2537	2"	2 1/16"	1 11/16"

NO.	NO. 2533 - DOUBLE BAR - BOTH SIDES OF DOOR		
	BASES	HEIGHT	CLEARANCE
2533	2"	2 1/16"	1 11/16"

LENGTH OVER ALL 5" OVER CENTER MEASUREMENT
 SUGGESTED CENTER MEASUREMENT 14 1/2" C - C

WHEN REQUIRED IN PAIRS PUSH AND PULL, SPECIFY
 2536 x 2537, ETC.

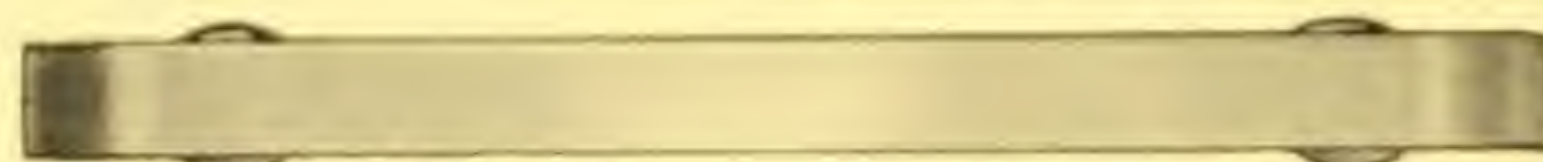
REGULAR FINISHES - AL- ALUMILITED ALUMINUM,
 US10-DULL BRONZE, AND US26D-DULL CHROME

THE ABOVE BARS MAY BE USED ON WOOD AND METAL DOORS -
 SPECIFY THICKNESS OF DOORS
 PACKED ONE IN A BOX OR ONE PAIR IN A BOX

STANDARD OF QUALITY

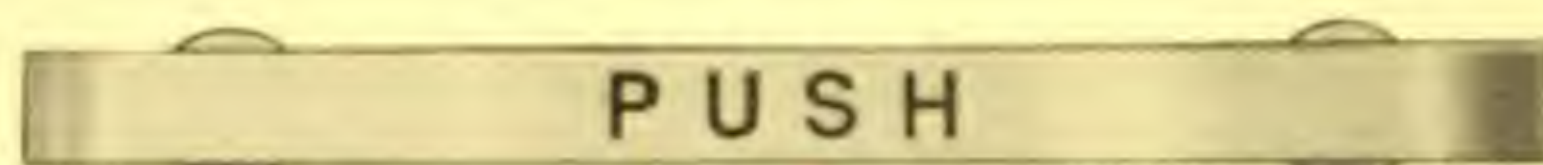
PUSH AND PULL BARS

FOR 3/4" TEMPERED GLASS DOORS
3/8" x 1 1/2" SOLID BAR STOCK
BRONZE, ALUMINUM AND STAINLESS STEEL



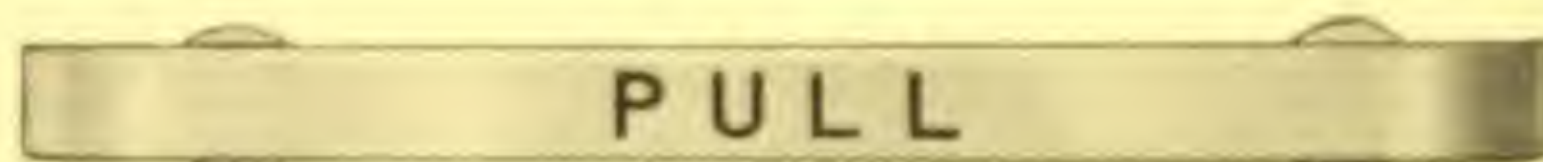
NO.	BASES	HEIGHT	CLEARANCE
2530	2"	2 1/16"	1 11/16"

NO.	BASES	HEIGHT	CLEARANCE
2531	2"	2 1/16"	1 11/16"



NO.	BASES	HEIGHT	CLEARANCE
2538	2"	2 1/16"	1 11/16"

NO.	BASES	HEIGHT	CLEARANCE
2534	2"	2 1/16"	1 11/16"



NO.	BASES	HEIGHT	CLEARANCE
2539	2"	2 1/16"	1 11/16"

NO.	BASES	HEIGHT	CLEARANCE
2535	2"	2 1/16"	1 11/16"

LENGTH OVER ALL 5" OVER CENTER MEASUREMENT
SUGGESTED CENTER MEASUREMENT 14 1/2" C - C

WHEN REQUIRED IN PAIRS PUSH AND PULL, SPECIFY
2538 x 2539, ETC.

REGULAR FINISHES - AL-ALUMILITED ALUMINUM,
US10-DULL BRONZE, AND US26D- DULL CHROME

ABOVE BARS MAY BE USED ON WOOD AND METAL DOORS -
SPECIFY THICKNESS OF DOORS
PACKED ONE IN A BOX OR ONE PAIR IN A BOX

STANDARD OF QUALITY

PUSH AND PULL BARS

FOR 3/4" TEMPERED GLASS DOORS
BRONZE AND ALUMINUM
OPEN END BRACKETS



NO. 2555	NO. 2555 - ONE SIDE OF DOOR - 1 1/4" LUCITE					
	<table border="0"> <tr> <td>BASES</td> <td>HEIGHT</td> <td>CLEARANCE</td> </tr> <tr> <td>2"</td> <td>2 15/16"</td> <td>1 11/16"</td> </tr> </table>	BASES	HEIGHT	CLEARANCE	2"	2 15/16"
BASES	HEIGHT	CLEARANCE				
2"	2 15/16"	1 11/16"				

2556	NO. 2556 - BOTH SIDES OF DOOR - 1 1/4" LUCITE					
	<table border="0"> <tr> <td>BASES</td> <td>HEIGHT</td> <td>CLEARANCE</td> </tr> <tr> <td>2"</td> <td>2 15/16"</td> <td>1 11/16"</td> </tr> </table>	BASES	HEIGHT	CLEARANCE	2"	2 15/16"
BASES	HEIGHT	CLEARANCE				
2"	2 15/16"	1 11/16"				

CLOSED END BRACKETS



NO. 3008	NO. 3008 - ONE SIDE OF DOOR - 1 1/4" LUCITE					
	<table border="0"> <tr> <td>BASES</td> <td>HEIGHT</td> <td>CLEARANCE</td> </tr> <tr> <td>2"</td> <td>2 15/16"</td> <td>1 11/16"</td> </tr> </table>	BASES	HEIGHT	CLEARANCE	2"	2 15/16"
BASES	HEIGHT	CLEARANCE				
2"	2 15/16"	1 11/16"				

3006	NO. 3006 - BOTH SIDES OF DOOR - 1 1/4" LUCITE					
	<table border="0"> <tr> <td>BASES</td> <td>HEIGHT</td> <td>CLEARANCE</td> </tr> <tr> <td>2"</td> <td>2 15/16"</td> <td>1 11/16"</td> </tr> </table>	BASES	HEIGHT	CLEARANCE	2"	2 15/16"
BASES	HEIGHT	CLEARANCE				
2"	2 15/16"	1 11/16"				



NO. 3009	NO. 3009 - ONE SIDE OF DOOR - 1 1/4" METAL					
	<table border="0"> <tr> <td>BASES</td> <td>HEIGHT</td> <td>CLEARANCE</td> </tr> <tr> <td>2"</td> <td>2 15/16"</td> <td>1 11/16"</td> </tr> </table>	BASES	HEIGHT	CLEARANCE	2"	2 15/16"
BASES	HEIGHT	CLEARANCE				
2"	2 15/16"	1 11/16"				

3007	NO. 3007 - BOTH SIDES OF DOOR - 1 1/4" METAL					
	<table border="0"> <tr> <td>BASES</td> <td>HEIGHT</td> <td>CLEARANCE</td> </tr> <tr> <td>2"</td> <td>2 15/16"</td> <td>1 11/16"</td> </tr> </table>	BASES	HEIGHT	CLEARANCE	2"	2 15/16"
BASES	HEIGHT	CLEARANCE				
2"	2 15/16"	1 11/16"				

OPEN END BRACKETS - 3" OVER CENTER MEASUREMENT
CLOSED END BRACKETS - 3" OVER CENTER MEASUREMENT
SUGGESTED CENTER MEASUREMENT 14 1/2"

REGULAR FINISHES - AL-ALUMILITED ALUMINUM, US10-
DULL BRONZE AND US26D-DULL CHROME

ABOVE BARS MAY BE USED ON WOOD OR METAL DOORS -
SPECIFY THICKNESS OF DOORS

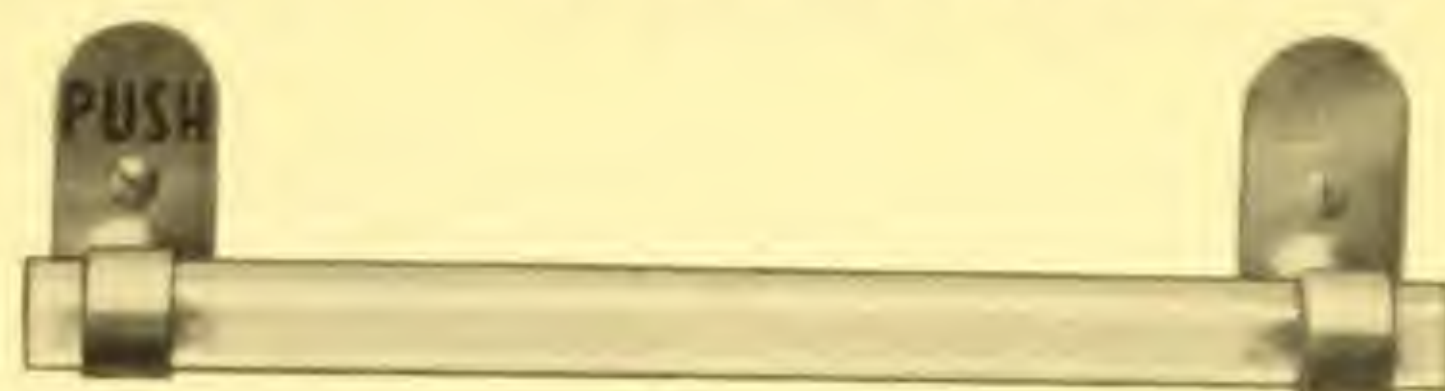
PACKED ONE IN A BOX OR ONE PAIR IN A BOX

STANDARD OF QUALITY

PUSH AND DOOR PULL SETS

FOR 3/4" TEMPERED GLASS DOORS

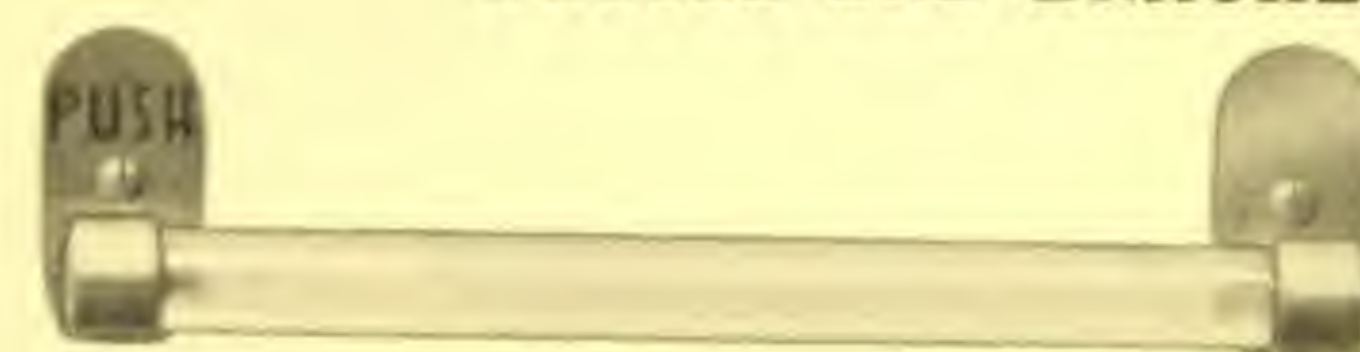
OPEN END BRACKETS



SET NO. 3003 RH
 PUSH BAR NO. 2580
 DOOR PULL NO. 2593

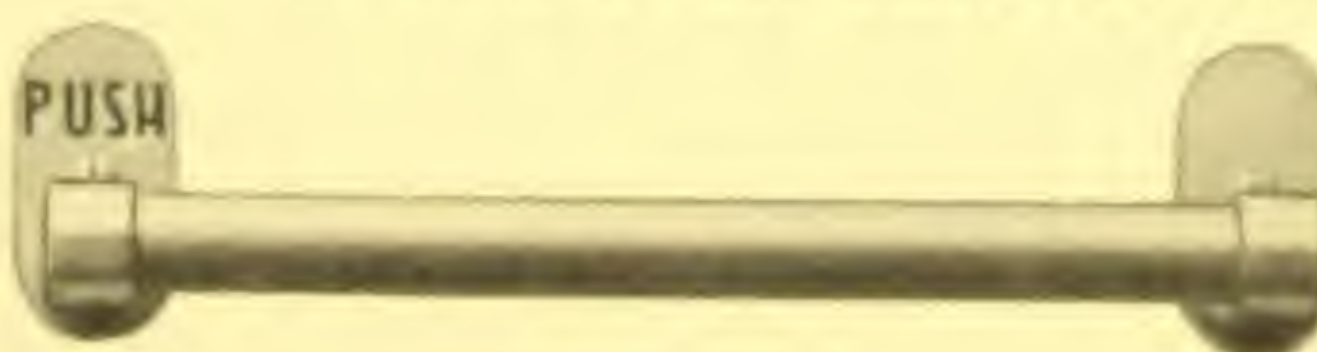
NO.	NO. 2580 PUSH BAR - 1 1/4" LUCITE - ONE SIDE OF DOOR		
	BASES	HEIGHT	CLEARANCE
2580	2" x 4"	2 15/16"	1 11/16"
	NO. 2593 DOOR PULL - 1 1/4" LUCITE - ONE SIDE OF DOOR		
2593	2" x 4"	2 15/16"	1 11/16"
	LENGTH OVER CENTER MEASUREMENT 2"		

CLOSED END BRACKETS



SET NO. 3026 RH
 PUSH BAR NO. 3016
 DOOR PULL NO. 3020

NO.	NO. 3016 PUSH BAR - 1 1/4" LUCITE - ONE SIDE OF DOOR		
	BASES	HEIGHT	CLEARANCE
3016	2" x 4"	2 15/16"	1 11/16"
	NO. 3020 DOOR PULL - 1 1/4" LUCITE - ONE SIDE OF DOOR		
3020	2" x 4"	2 15/16"	1 11/16"
	LENGTH OVER CENTER MEASUREMENT 2"		



SET NO. 3027 RH
 PUSH BAR NO. 3017
 DOOR PULL NO. 3021

NO.	NO. 3017 PUSH BAR - 1 1/4" METAL - ONE SIDE OF DOOR		
	BASES	HEIGHT	CLEARANCE
3017	2" x 4"	2 15/16"	1 11/16"
	NO. 3021 DOOR PULL - 1 1/4" METAL - ONE SIDE OF DOOR		
3021	2" x 4"	2 15/16"	1 11/16"
	LENGTH OVER CENTER MEASUREMENT 2"		
	SUGGESTED CENTER MEASUREMENT 14 1/2"		

REGULAR FINISHES - AL-ALUMILITED ALUMINUM, US10-DULL
 CHROME AND US26D-DULL CHROME

ABOVE BARS MAY BE USED ON WOOD AND METAL DOORS -
 SPECIFY THICKNESS OF DOORS

PACKED ONE IN A BOX OR ONE SET IN A BOX

PUSH AND DOOR PULL SETS

FOR 3/4" TEMPERED GLASS DOORS
OPEN END BRACKETS



SET NO. 3005 RH - 1 1/4" LUCITE
PUSH BAR NO. 3000
DOOR PULL NO. 2596
LENGTH OVER CENTER MEASUREMENT 7"

NO.
3000

NO. 3000 DOOR PULL - ONE SIDE OF DOOR
BASES 2" HEIGHT 2 15/16" CLEARANCE 1 11/16"

2596

NO. 2596 DOOR PULL - ONE SIDE OF DOOR
2" 2 15/16" 1 11/16"

CLOSED END BRACKETS



SET NO. 3047 RH - 1 1/4" LUCITE
PUSH BAR NO. 3024
DOOR PULL NO. 3022
LENGTH OVER CENTER MEASUREMENT 7"

NO.
3024

NO. 3024 PUSH BAR - ONE SIDE OF DOOR
BASES 2" HEIGHT 2 15/16" CLEARANCE 1 11/16"

3022

NO. 3022 DOOR PULL - ONE SIDE OF DOOR
2" 2 15/16" 1 11/16"

SUGGESTED CENTER MEASUREMENT 14 1/2"
DOOR PULL " " 8"

REGULAR FINISHES - AL-ALUMILITED ALUMINUM, US10-
DULL BRONZE, US26D-DULL CHROME

PACKED ONE IN A BOX OR ONE SET IN A BOX

STANDARD OF QUALITY

PUSH AND DOOR PULL SETS

FOR 3/4" TEMPERED GLASS DOORS
OPEN END BRACKETS



SET NO. 3038 RH - 1 1/4" LUCITE
PUSH BAR NO. 3030
DOOR PULL NO. 3031
LENGTH OVER CENTER MEASUREMENT 7"

NO.
3030

NO. 3030 PUSH BAR - ONE SIDE OF DOOR
BASES 2" HEIGHT 2 15/16" CLEARANCE 1 11/16"

3031

NO. 3031 DOOR PULL - ONE SIDE OF DOOR
2" 2 15/16" 1 11/16"



CLOSED END BRACKETS

SET NO. 3037 RH - 1 1/4" LUCITE
PUSH BAR NO. 3028
DOOR PULL NO. 3029
LENGTH OVER CENTER MEASUREMENT 7"

NO.
3028

NO. 3028 PUSH BAR - ONE SIDE OF DOOR
BASES 2" HEIGHT 2 15/16" CLEARANCE 1 11/16"

3029

NO. 3029 DOOR PULL - ONE SIDE OF DOOR
2" 2 15/16" 1 11/16"

SUGGESTED CENTER MEASUREMENT 14 1/2"
DOOR PULL " " 8"

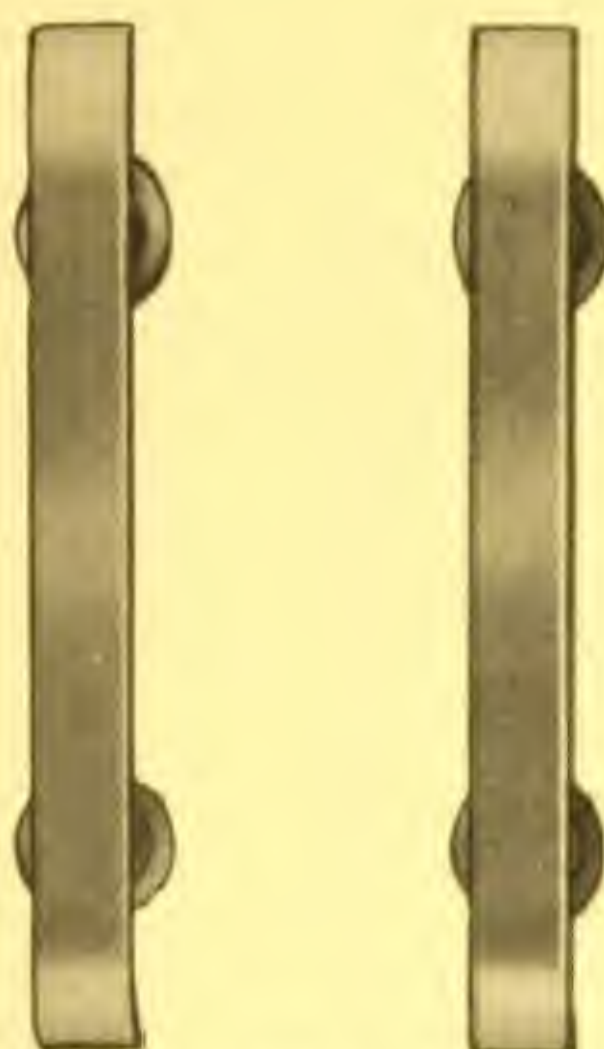
REGULAR FINISHES - AL-ALUMILITED ALUMINUM, US10
DULL BRONZE, US26D-DULL CHROME

PACKED ONE IN A BOX OR ONE SET IN A BOX

STANDARD OF QUALITY

DOOR PULLS AND PUSH BARS

FOR 3/4" TEMPERED GLASS DOORS
3/8" x 1 1/4" SOLID BAR STOCK



2541

NO. 2541 - PULL ONE SIDE OF DOOR
BASES - 2"
HEIGHT - 2 7/16"
CLEARANCE - 2 1/16"
CENTER TO CENTER - 8"

NO. 2540 - PULL BOTH SIDES OF DOOR
BASES - 2"
HEIGHT - 2 7/16"
CLEARANCE - 2 1/16"
CENTER TO CENTER - 8"



2545

NO. 2545 - PULL ONE SIDE OF DOOR
BASES - 2"
HEIGHT - 2 7/16"
CLEARANCE - 2 1/16"
CENTER TO CENTER - 8"

NO. 2546 - PUSH ONE SIDE OF DOOR
BASES - 2"
HEIGHT - 2 7/16"
CLEARANCE - 2 1/16"
CENTER TO CENTER - 8"

2546

PACKED ONE IN A BOX

REGULAR FINISHES - AL-ALUMILITED ALUMINUM, US10-DULL
BRONZE, US26D-DULL CHROME

ABOVE PULLS MAY BE USED ON WOOD AND METAL DOORS -
SPECIFY THICKNESS OF DOORS

OTHER LENGTHS MAY BE HAD UPON ORDER

STANDARD OF QUALITY

DOOR PULLS AND PUSH BARS

FOR 3/4" TEMPERED GLASS DOORS
3/8" x 1 1/2" SOLID BAR STOCK



3541
3540

NO. 3541 - PULL ONE SIDE OF DOOR
BASES - 2"
HEIGHT - 2 7/16"
CLEARANCE - 2 1/16"
CENTER TO CENTER - 8"

NO. 3540 - PULL BOTH SIDES OF DOOR
BASES - 2"
HEIGHT - 2 7/16"
CLEARANCE - 2 1/16"
CENTER TO CENTER - 8"



3542 3544

NO. 3542 - PULL ONE SIDE OF DOOR
BASES - 2"
HEIGHT - 2 7/16"
CLEARANCE - 2 1/16"
CENTER TO CENTER - 8"

NO. 3543 - PULL BOTH SIDES OF DOOR
BASES - 2"
HEIGHT - 2 7/16"
CLEARANCE - 2 1/16"
CENTER TO CENTER - 8"

NO. 3544 - PUSH ONE SIDE OF DOOR
BASES - 2"
HEIGHT - 2 7/16"
CLEARANCE - 2 1/16"
CENTER TO CENTER - 8"

NO. 3545 - PUSH BOTH SIDES OF DOOR
BASES - 2"
HEIGHT - 2 7/16"
CLEARANCE - 2 1/16"
CENTER TO CENTER - 8"

REGULAR FINISHES - AL-ALUMILITED ALUMINUM, US10 - DULL
BRONZE, US26D - DULL CHROME

PACKED ONE IN A BOX

ABOVE PULLS MAY BE USED ON WOOD AND METAL DOORS -
OTHER LENGTHS MAY BE HAD UPON ORDER

STANDARD OF QUALITY

DOOR PULLS AND PUSH BARS

FOR 3/4" TEMPERED GLASS DOORS

OPEN END BRACKETS - LUCITE



2592



2593

NO. 2592 - PUSH - ONE SIDE OF DOOR
 NO. 2593 - PULL - ONE SIDE OF DOOR

CLOSED END BRACKETS - METAL

NO. 3040 - PUSH - ONE SIDE OF DOOR
 NO. 3021 - PULL - ONE SIDE OF DOOR

Bases - 2" x 4"
 Height - 2 15/16"
 Clearance - 11/16"
 Center to Center - 10"
 Packed One in a Box



3040



3021



3041



3020

OPEN END BRACKETS - LUCITE

NO. 3046 - BLANK ONE SIDE OF DOOR

CLOSED END BRACKETS

NO. 3041 - PUSH ONE SIDE OF DOOR
 NO. 3020 - PULL ONE SIDE OF DOOR

Bases 2" x 14"
 Height - 2 15/16"
 Clearance - 1 11/16"
 Center to Center - 10"
 Packed One in a Box



3046



STANDARD OF QUALITY

DOOR PULLS

FOR 3/4" TEMPERED GLASS DOORS



2573



3573



3012



3013

NO.	GRIP	BASES	HEIGHT	CLEARANCE	PACK
2573	1 1/4" LUCITE	2"	2 15/16"	1 11/16"	1
3573	1 1/4" METAL	2"	2 15/16"	1 11/16"	1
3012	1 1/4" LUCITE	2"	2 15/16"	1 11/16"	1
3013	1 1/4" METAL	2"	2 15/16"	1 11/16"	1

REGULAR CENTER TO CENTER MEASUREMENT 8"

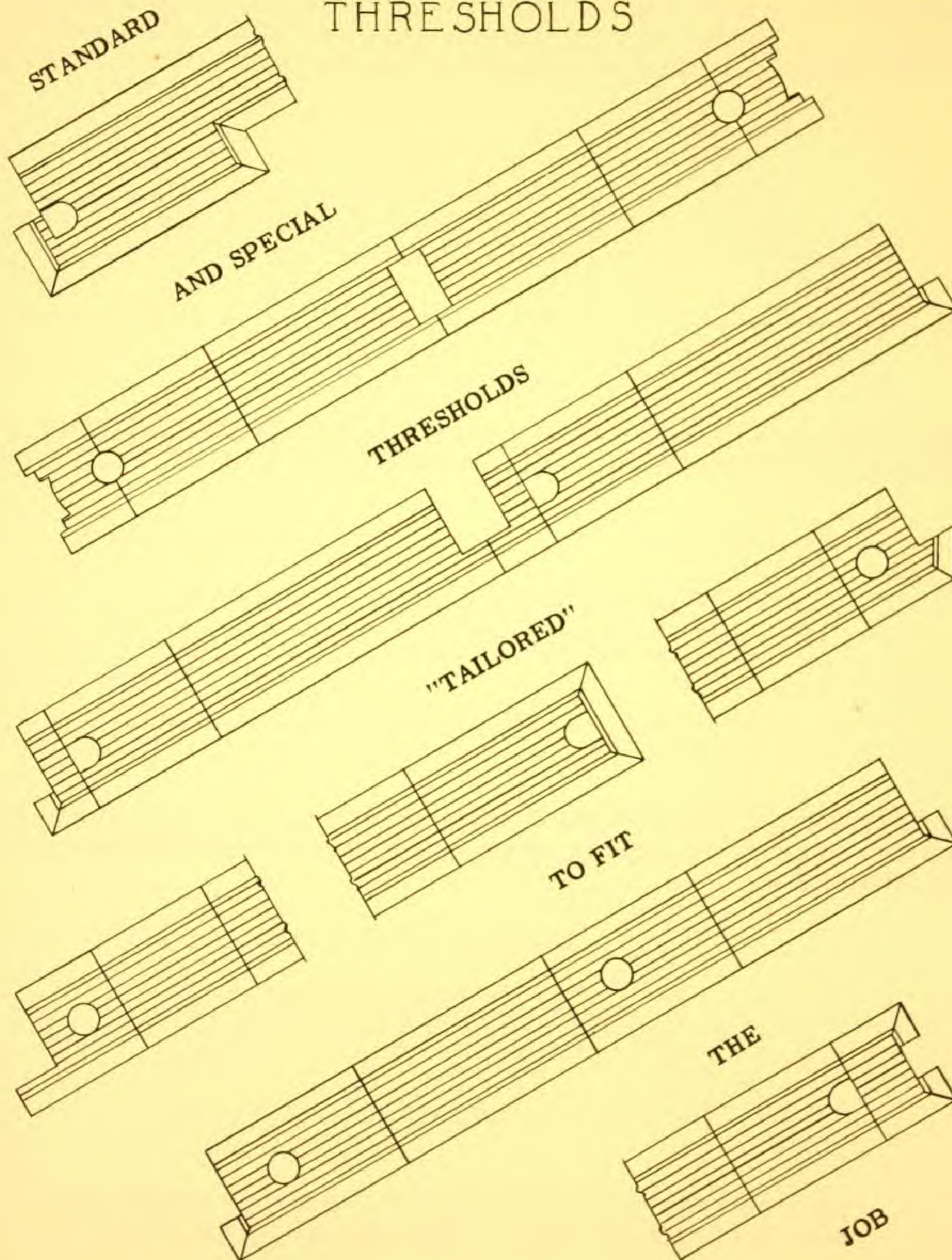
REGULAR FINISH - AL - ALUMILITED ALUMINUM

ABOVE PULLS MAY BE USED ON WOOD OR METAL DOORS.

OTHER LENGTHS MAY BE HAD UPON ORDER.

PACKED ONE IN A BOX

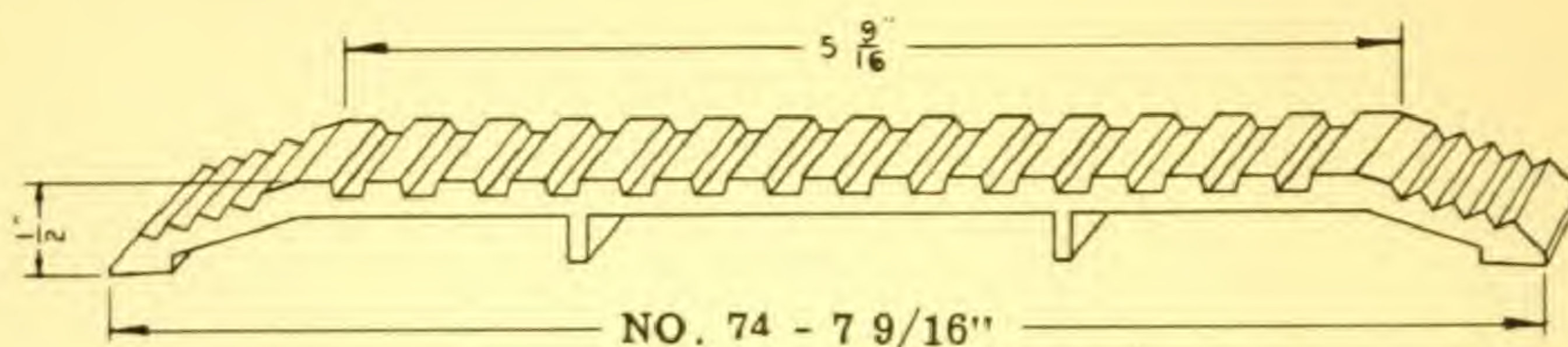
STANDARD OF QUALITY

• BETTER •
THRESHOLDS

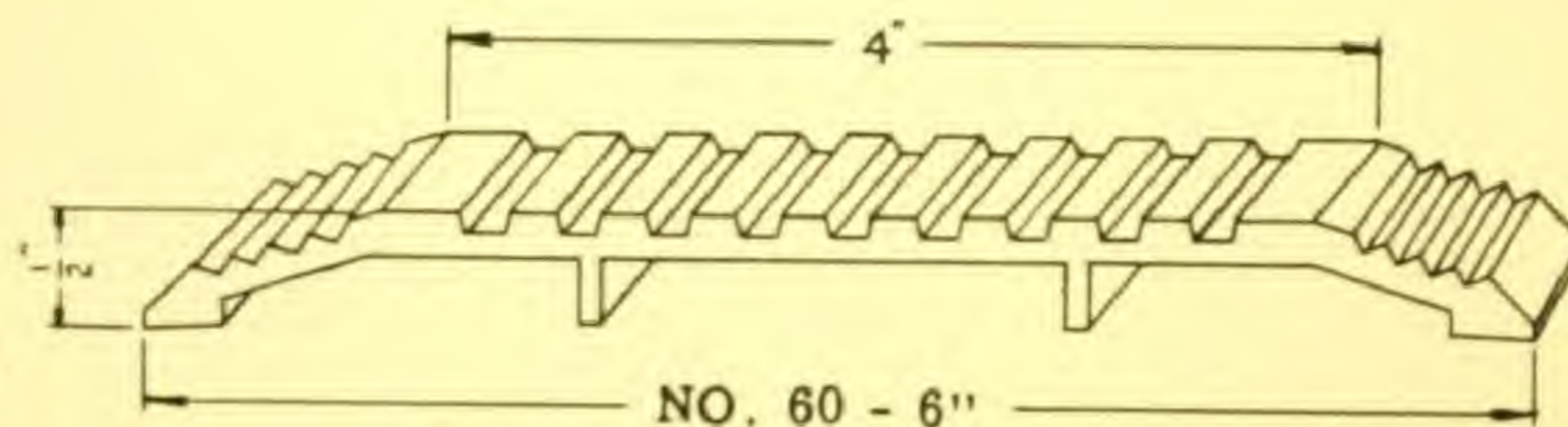
STANDARD OF QUALITY

• MEET THE "DETROIT" THRESHOLD FAMILY •

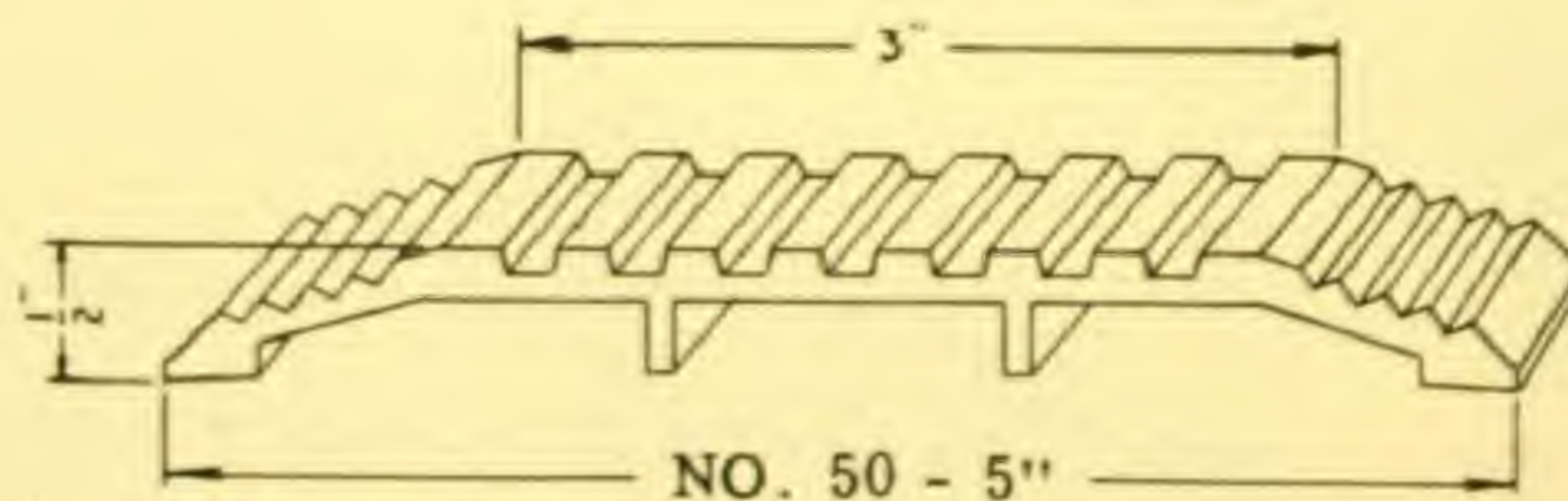
A GROUP THAT WILL ADD TO THE ATTRACTIVENESS OF YOUR ENTRANCE DESIGNED TO SATISFY THE STANDARD JOB CONDITIONS AND ADAPTABLE TO THE SPECIAL. MADE IN ALUMINUM AND ARCHITECTURAL BRONZE.



THRESHOLDS SHOULD BE SET ON A MASTIC COMPOSITION WHICH WILL ENVELOP THE REINFORCING RIBS, THEREBY EFFECTING A WEATHERSEAL

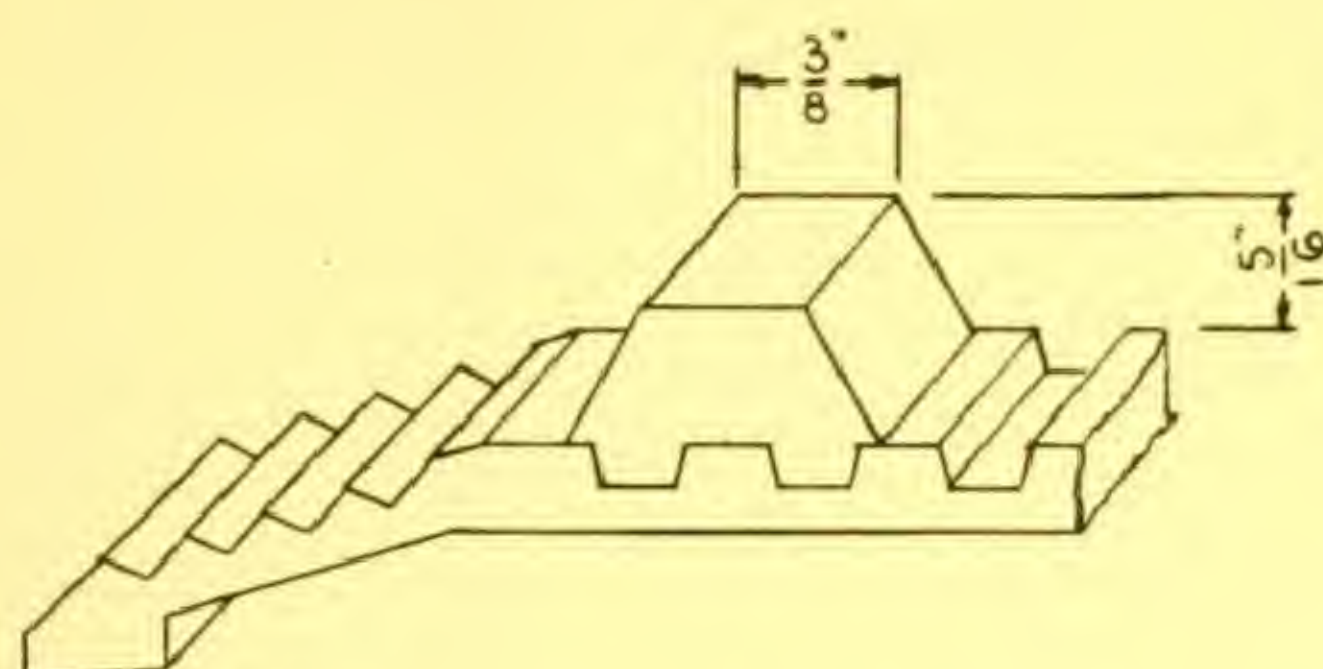
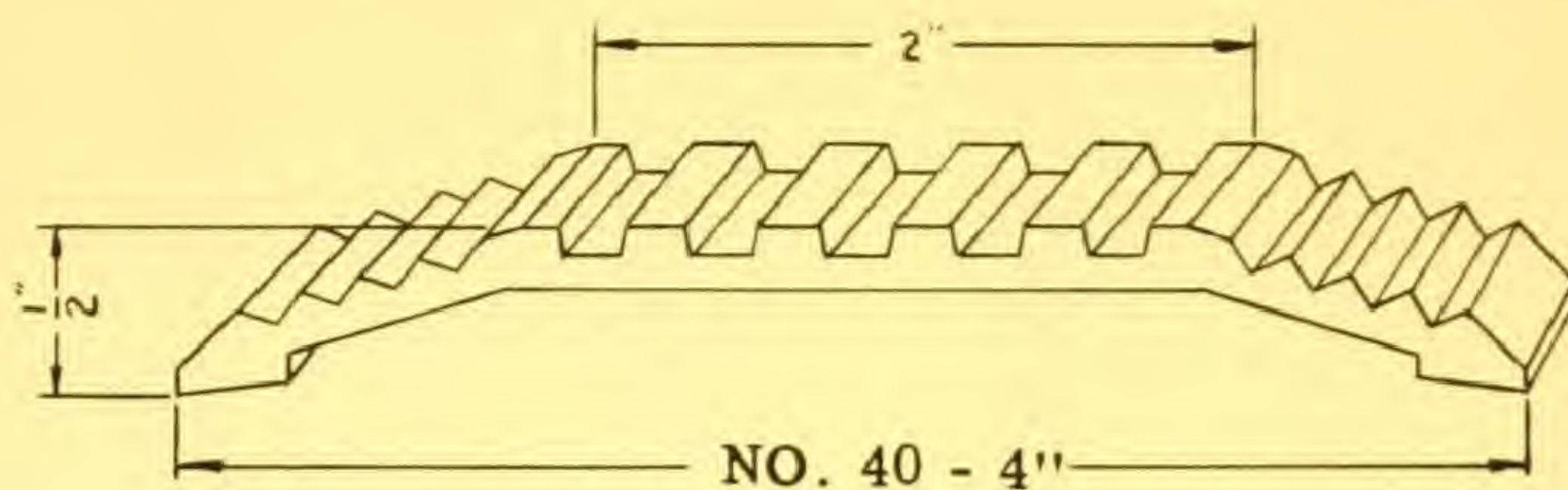


IT IS ESSENTIAL THAT FLOOR CHECKS BE SET LEVEL AND PARALLEL TO THE OPENING TO ASSURE THAT THE JOINTS OF THE THRESHOLD WILL FIT PROPERLY.

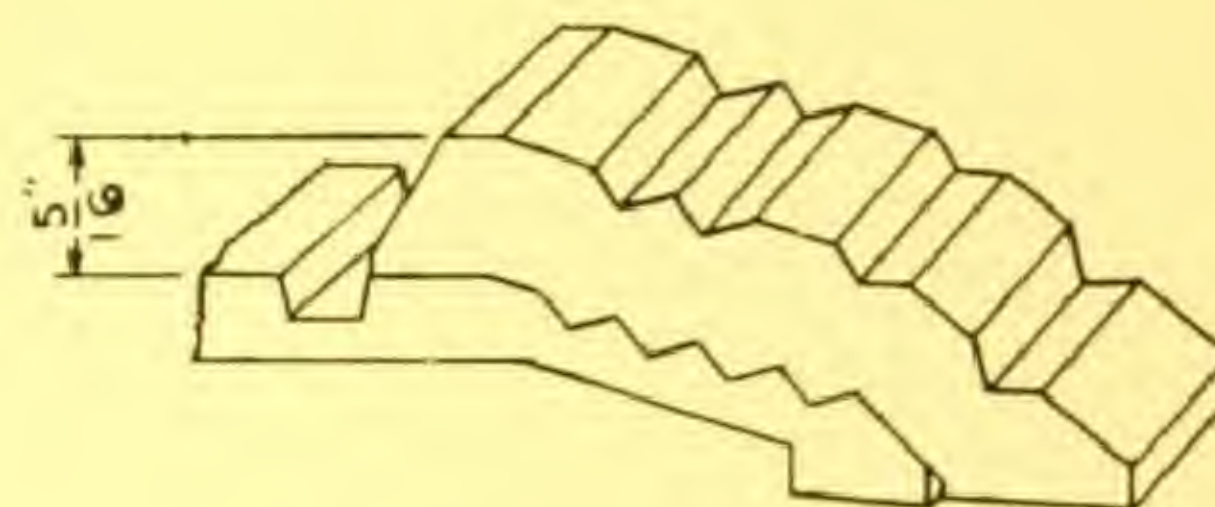


THE PROPER THRESHOLD MAKES A PERFECT TEMPLATE FOR USE IN INSTALLING FLOOR CHECKS ACCURATELY

STANDARD OF QUALITY

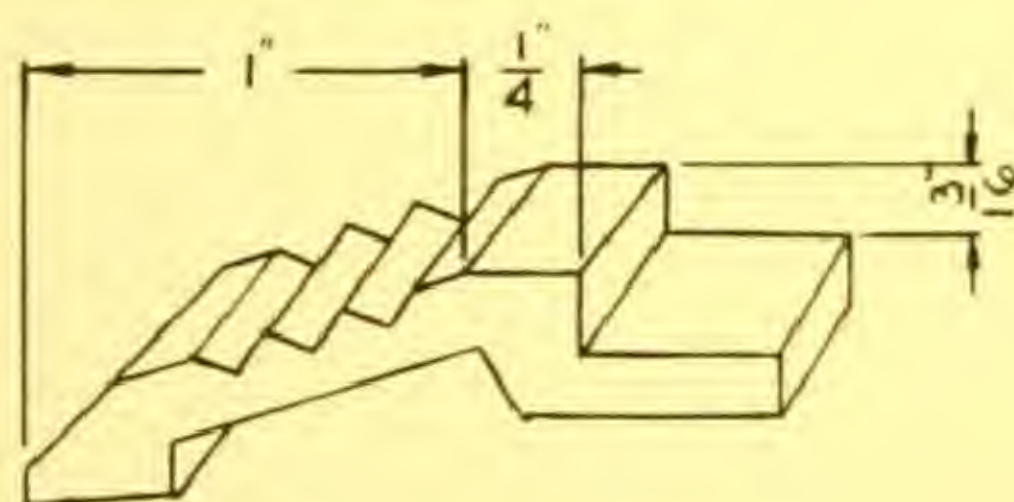


STOP STRIP NO. 56

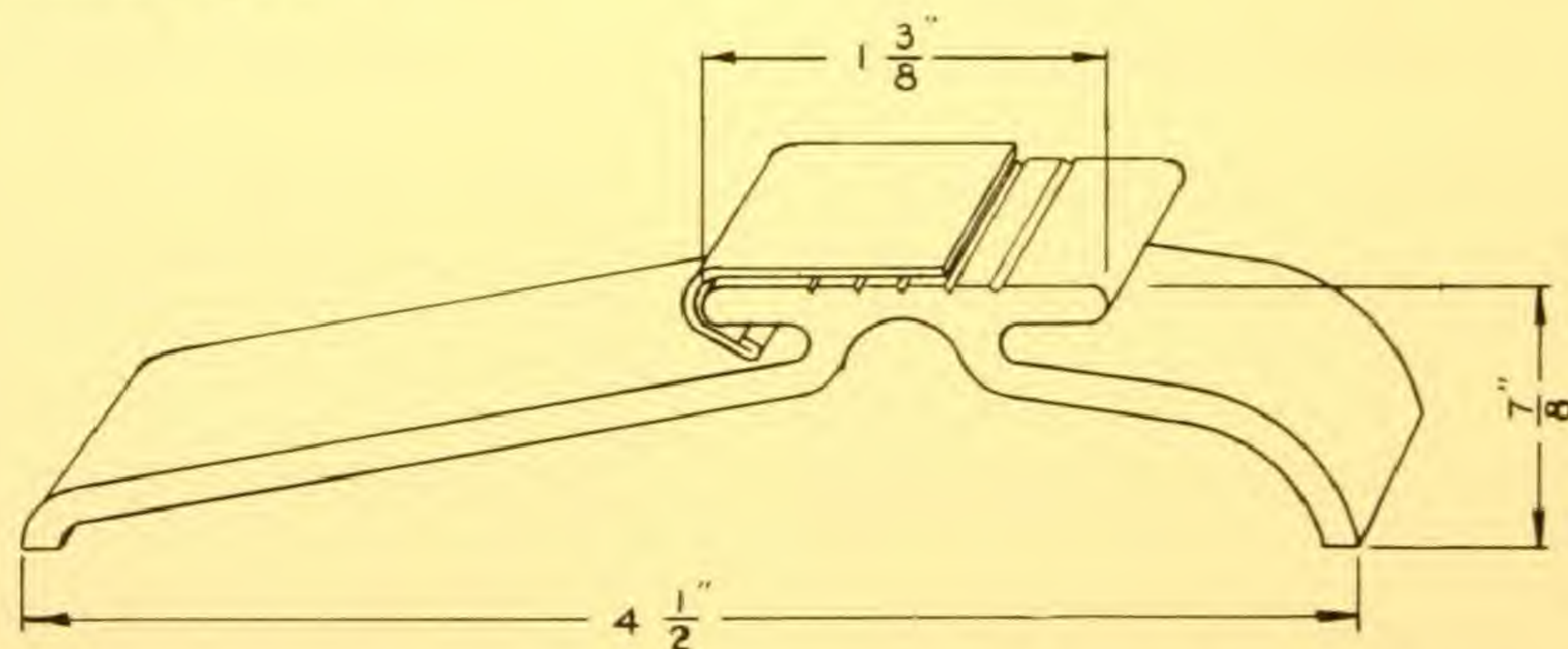
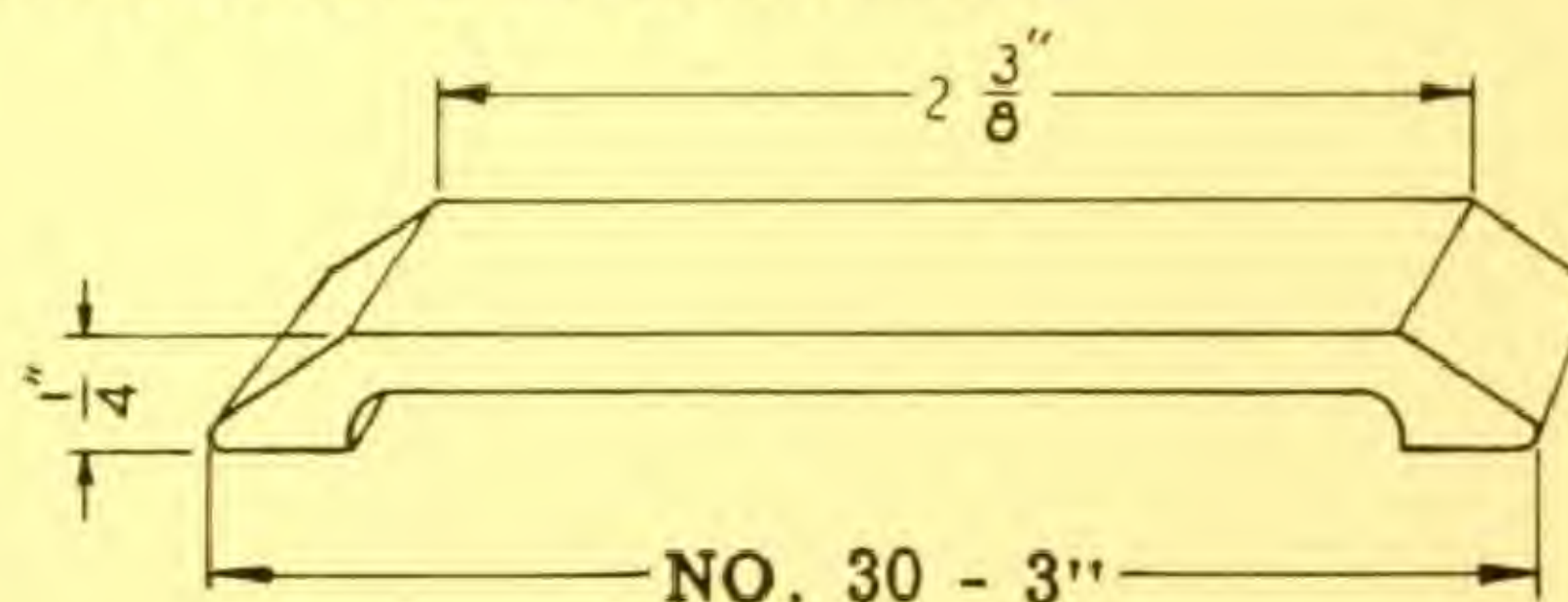


STOP STRIP NO. 55

THEY INTERLOCK WITH THE THRESHOLD



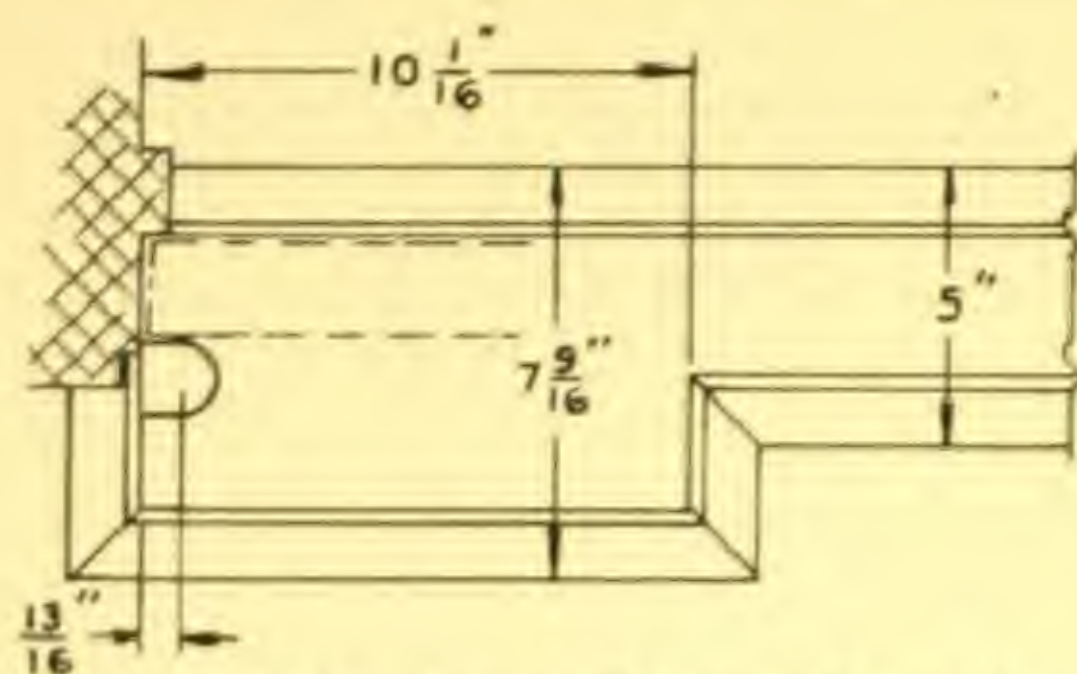
MITRE STRIP



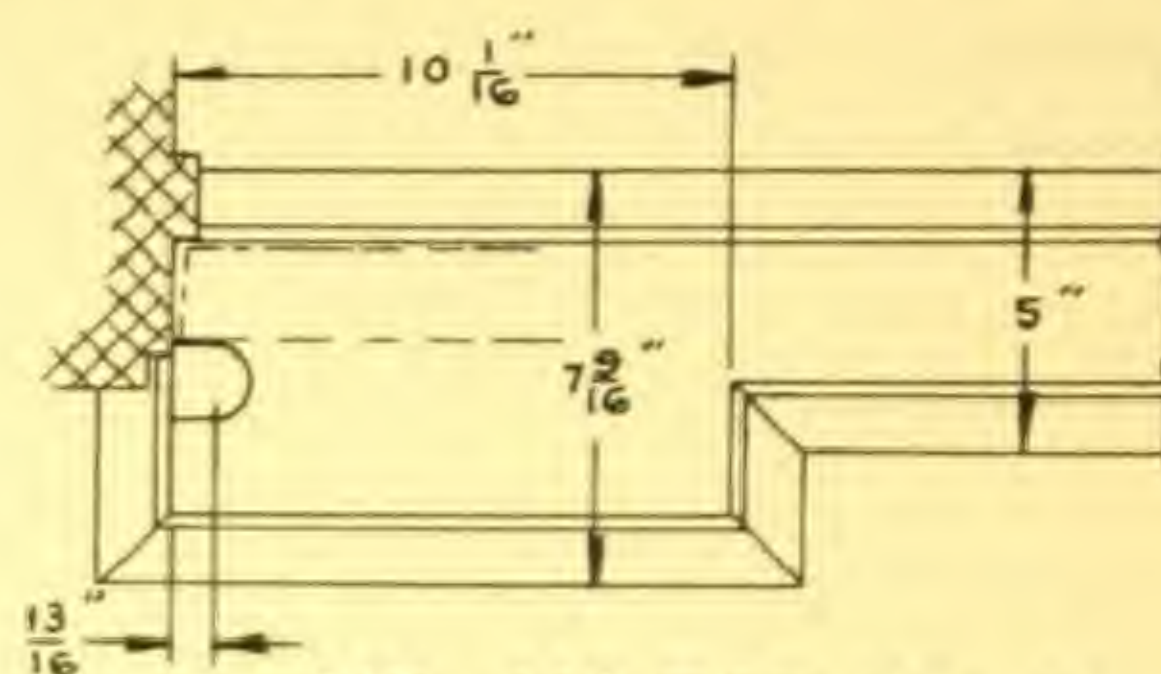
NO. 425 INTERLOCKING THRESHOLD

STANDARD OF QUALITY

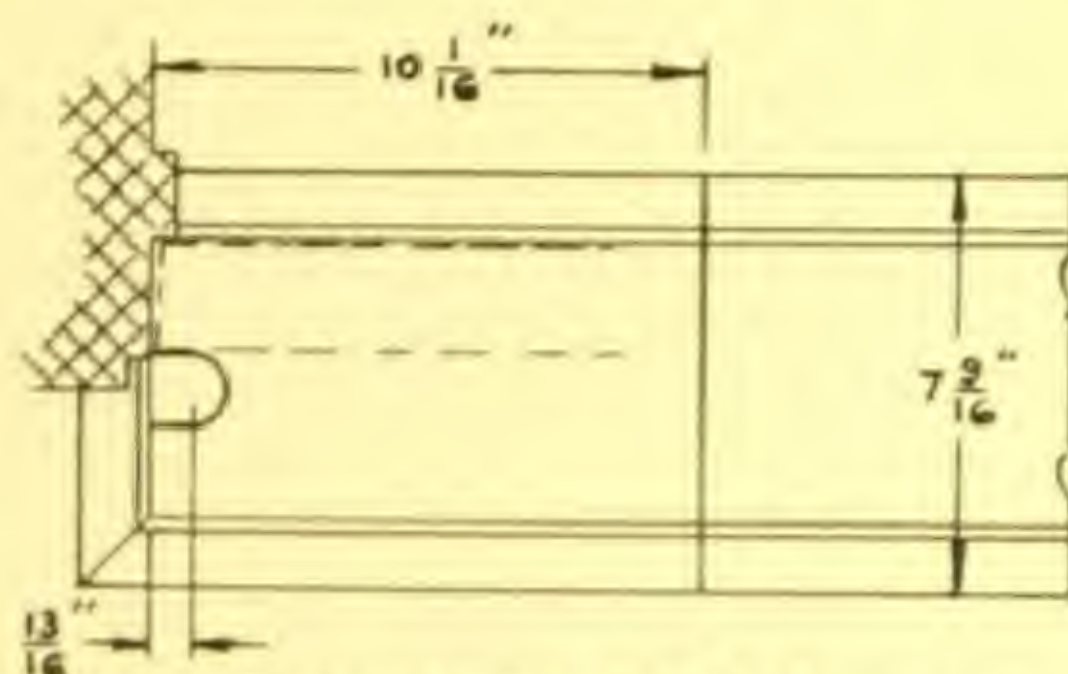
• THRESHOLDS FOR WOOD OR METAL DOORS •



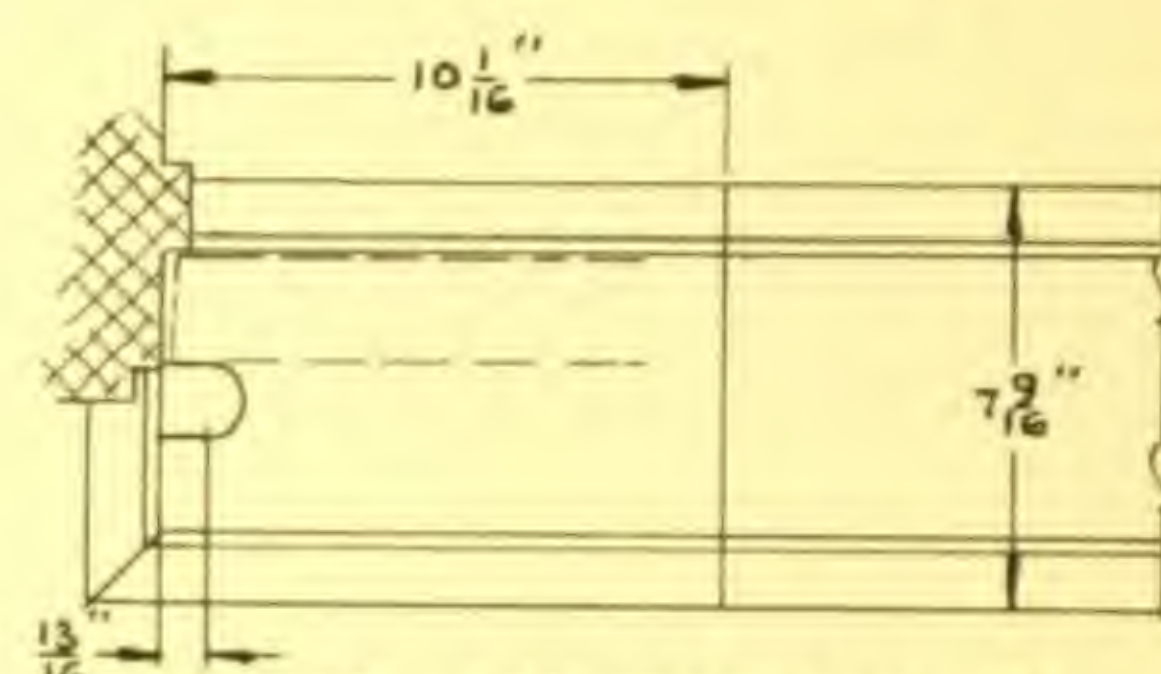
NO. 117 FOR NO. 20
RIXSON TYPE 5 X 500



NO. 119 FOR NO. 25
RIXSON TYPE 5 X 500



NO. 122 FOR NO. 20
RIXSON TYPE 3 X 800



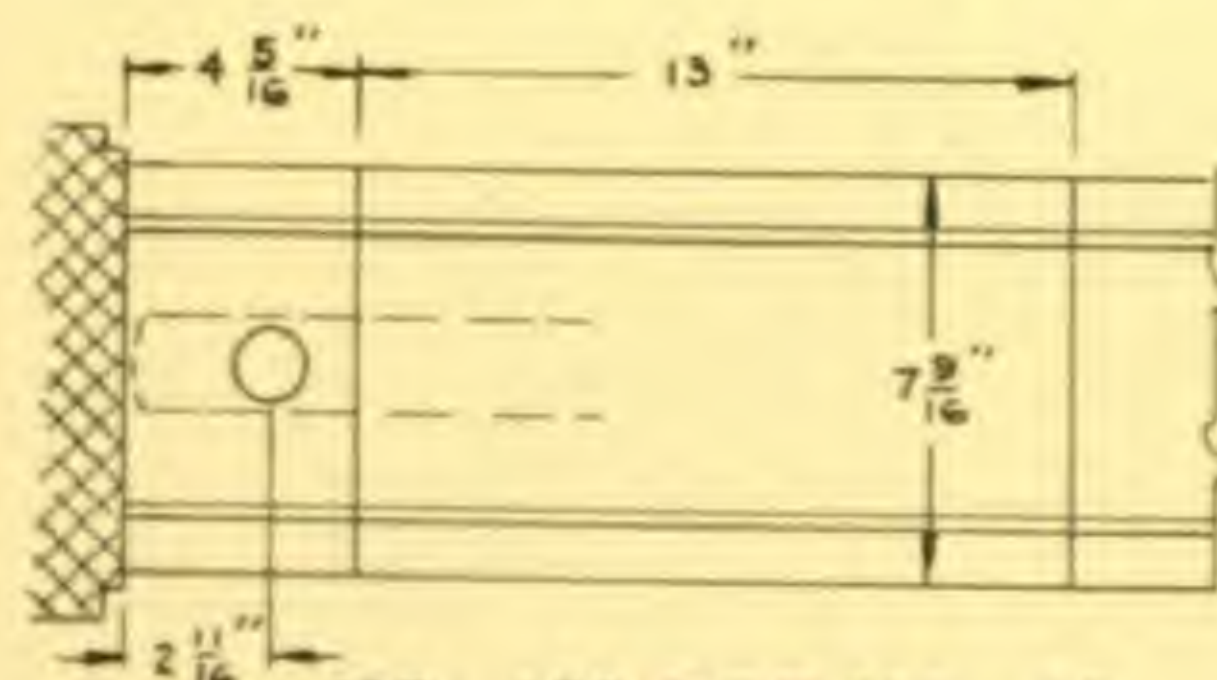
NO. 123 FOR NO. 25
RIXSON TYPE 3 X 800



NO. 110 FOR NO. 30
RIXSON TYPE 1A X 600



NO. 111 FOR NO. 30
RIXSON TYPE 4 X 600



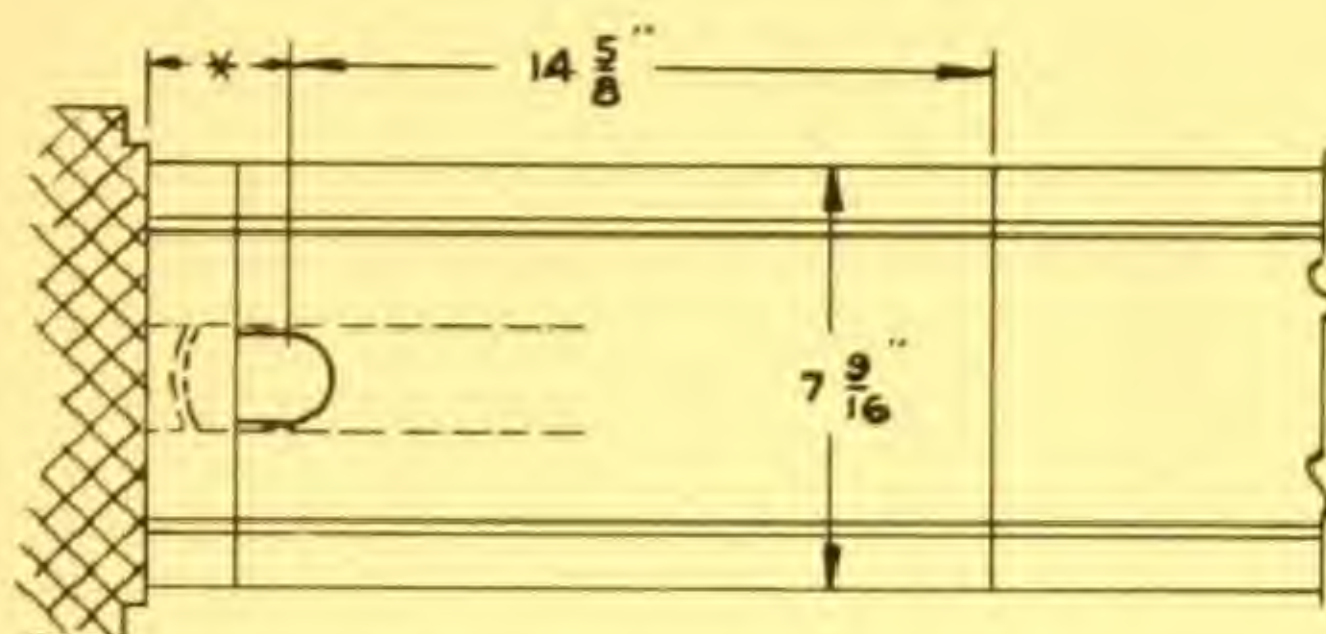
NO. 108 FOR NO. 40
RIXSON TYPE 1A X 800



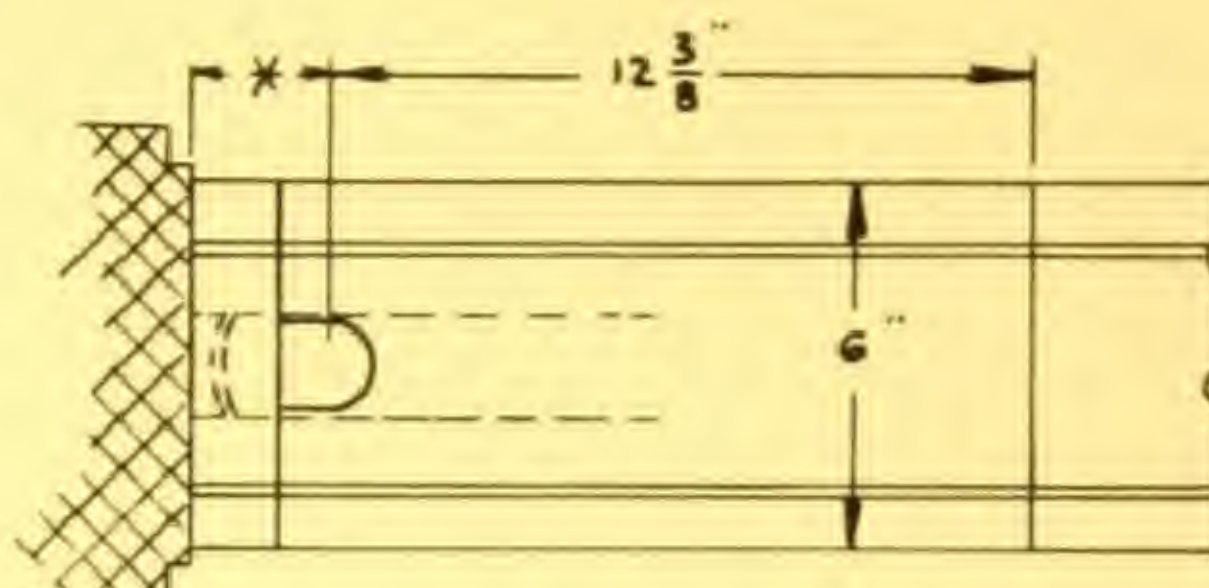
NO. 109 FOR NO. 40
RIXSON TYPE 4 X 800

STANDARD OF QUALITY

• THRESHOLDS FOR WOOD OR METAL DOORS •



NO. 116 FOR NO. 40
RIXSON TYPE 1 X 800



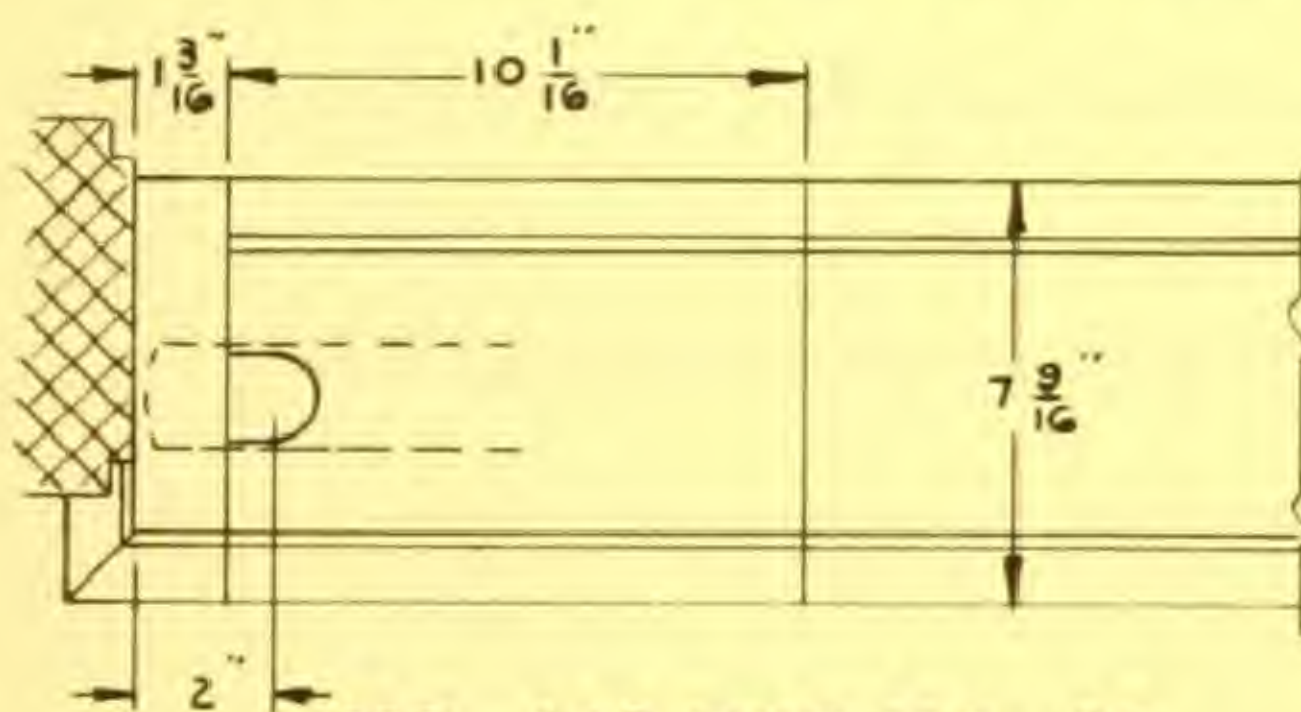
NO. 118 FOR NO. 30
RIXSON TYPE 4 X 600



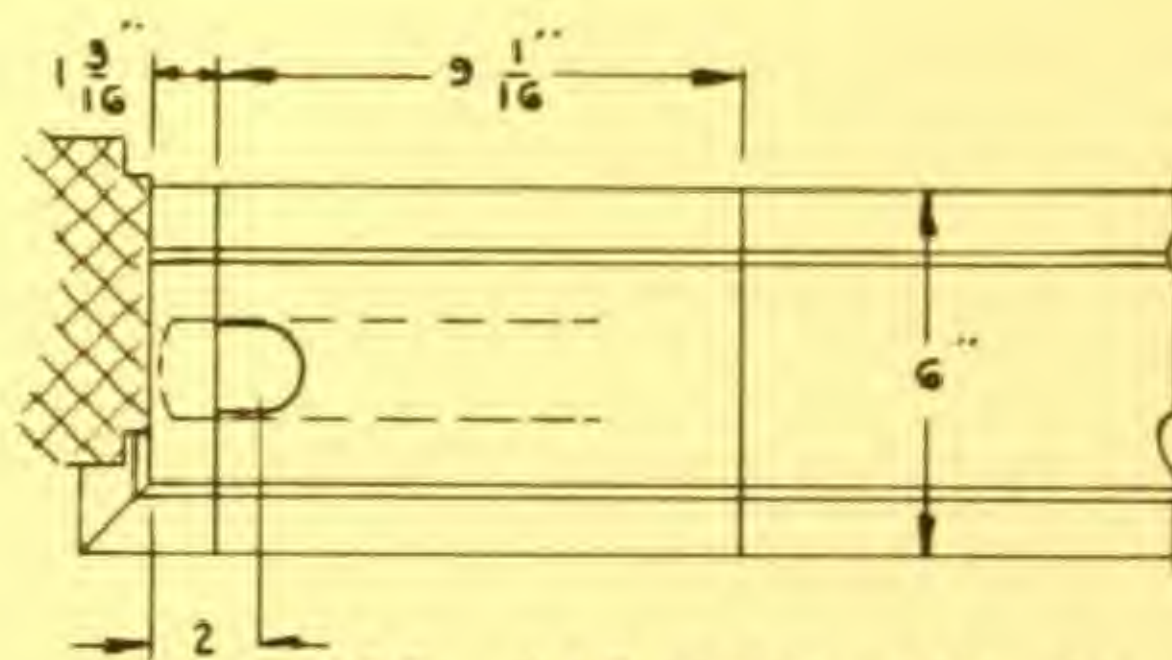
NO. 112 FOR NO. 26
RIXSON TYPE 1A X 800



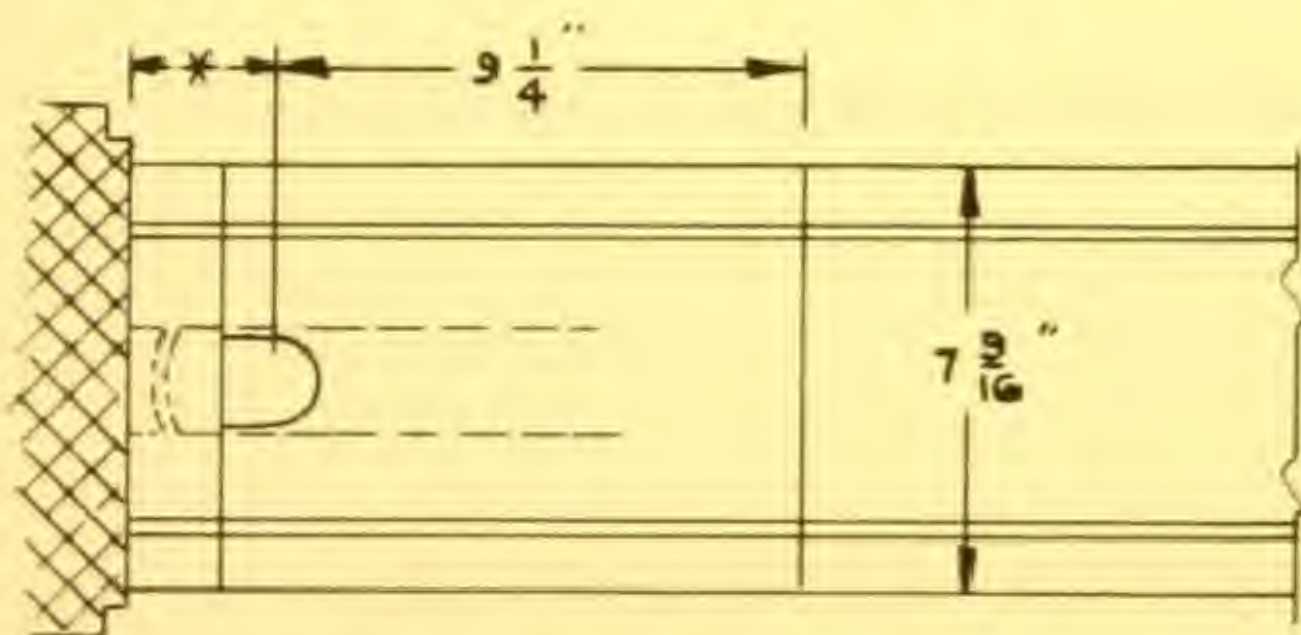
NO. 114 FOR NO. 21
RIXSON TYPE 1A X 600



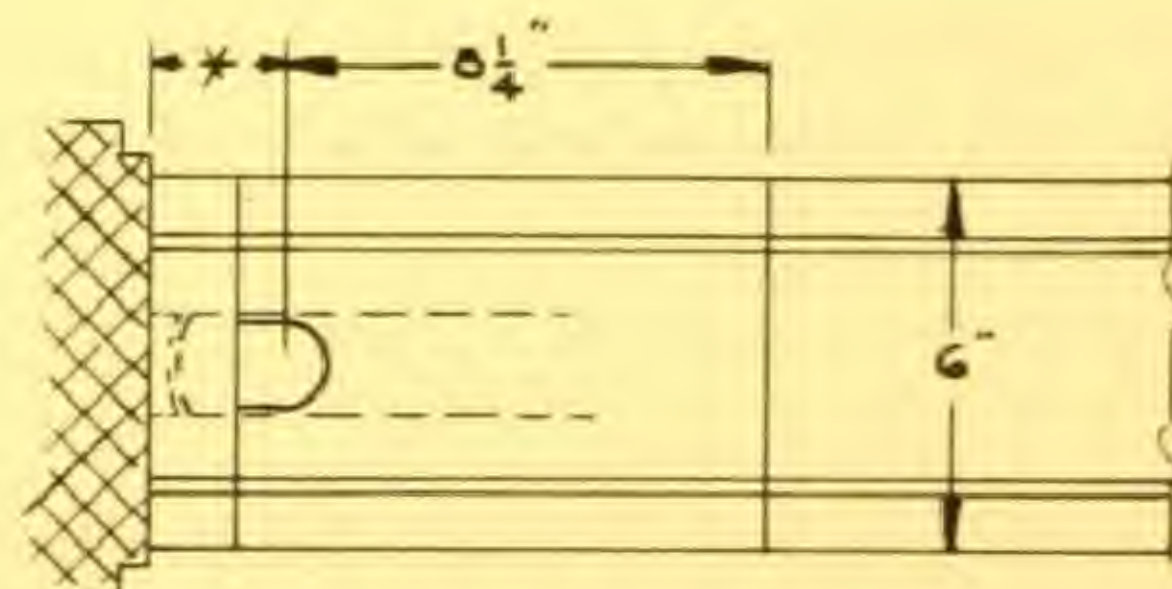
NO. 113 FOR NO. 26
RIXSON TYPE 4 X 800



NO. 115 FOR NO. 21
RIXSON TYPE 4 X 600



NO. 120 FOR NO. 26
RIXSON TYPE 1 X 800

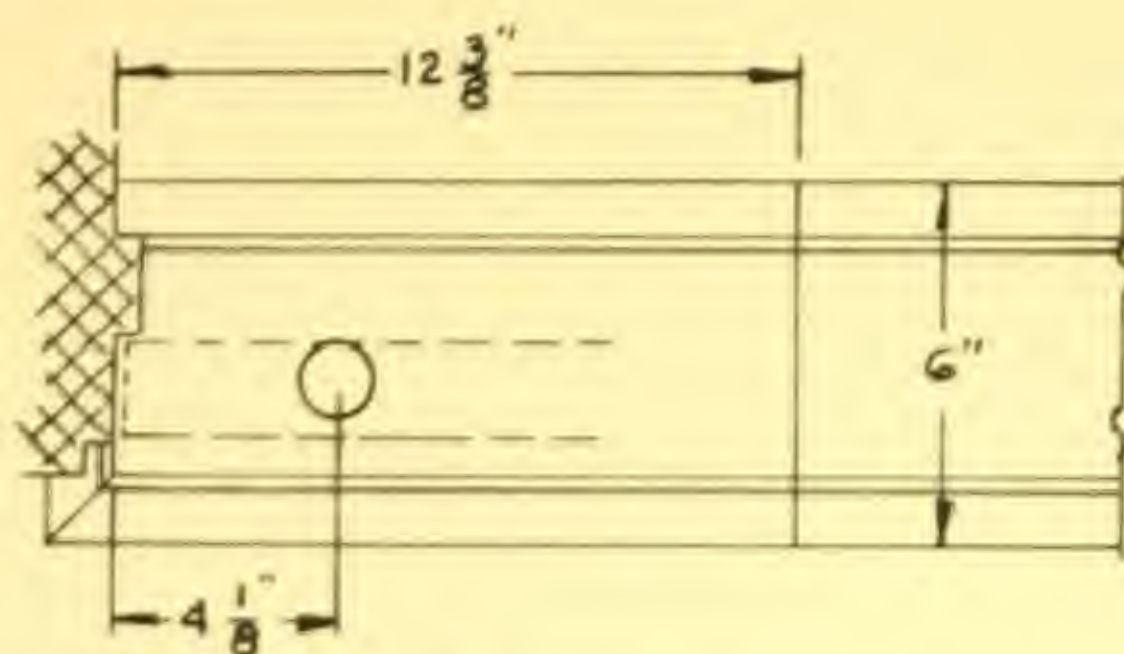


NO. 121 FOR NO. 21
RIXSON TYPE 1 X 600

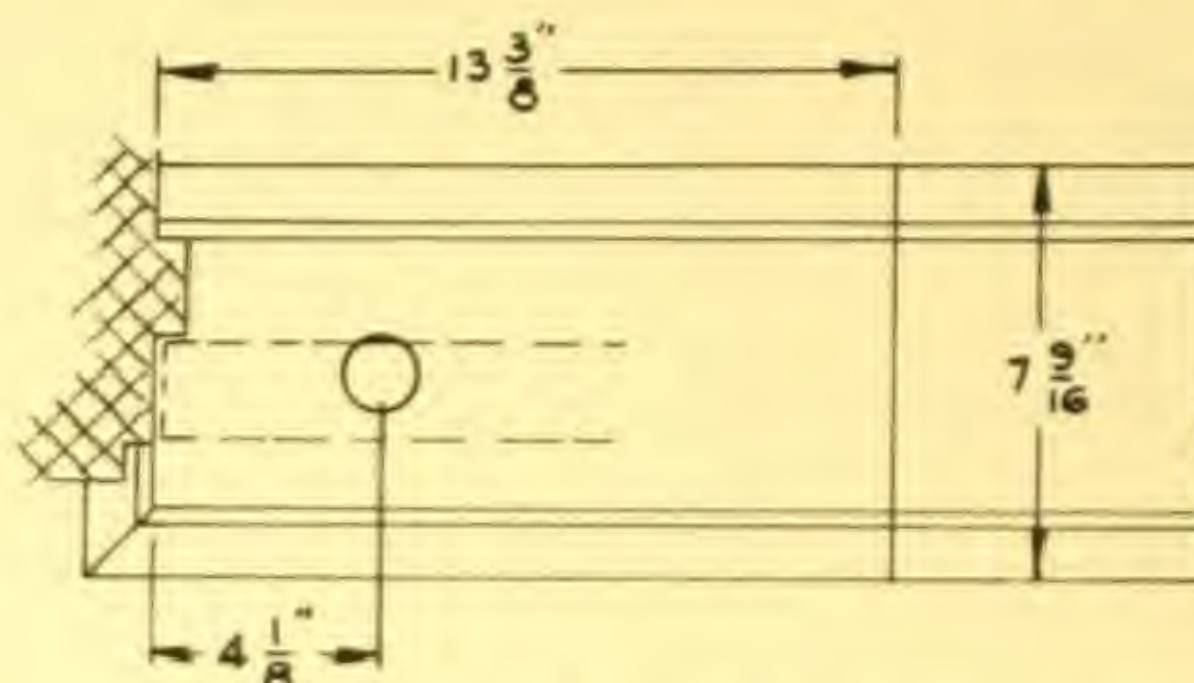
* SPECIFY DIMENSION

STANDARD OF QUALITY

• THRESHOLDS FOR WOOD OR METAL DOORS •



NO. 124 FOR NO. 321
RIXSON TYPE 4A X 600



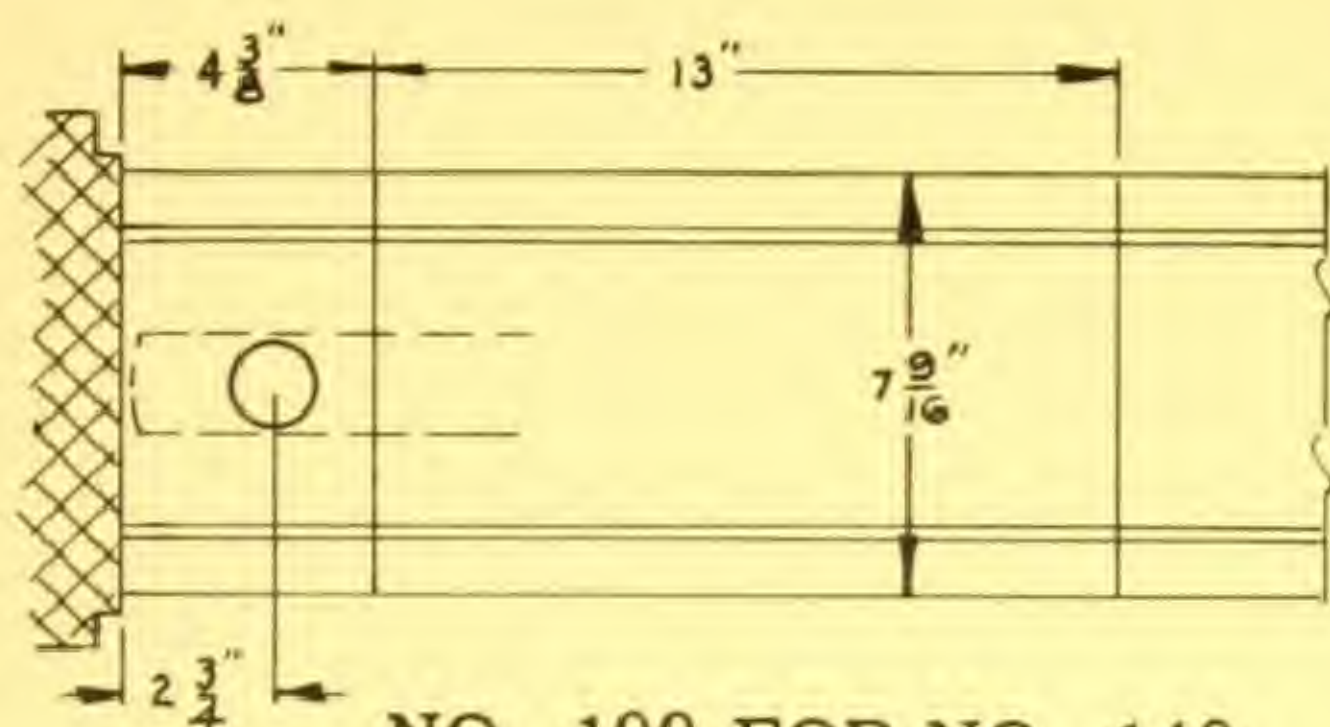
NO. 125 FOR NO. 326
RIXSON TYPE 4A X 800

- 1 - MINIMUM SPACING IS SHOWN BETWEEN CHECK SPINDLE AND DOOR JAMB ANY VARIATION FROM THIS MUST BE SPECIFIED
- 2 - THE EXACT DISTANCE BETWEEN JAMBS - NOT DOOR STOPS - IS REQUIRED
- 3 - SPECIFY THE HAND OF DOOR
- 4 - SPECIFY THE DOOR THICKNESS WHEN OFFSET SINGLE ACTING CHECKS ARE USED
- 5 - SPECIFY THE DOOR THICKNESS WHEN STOP STRIP IS USED
- 6 - SPECIFY THE THRESHOLD NUMBER AND NUMBER AND NAME OF CHECK
- 7 - WHEN CUTOUTS OF ANY KIND ARE REQUIRED IN THRESHOLDS A FULL SIZE DETAIL SHOULD ACCOMPANY THE ORDER
- 8 - MACHINE SCREWS AND EXPANSION SHIELDS ARE SUPPLIED UNLESS OTHERWISE SPECIFIED.

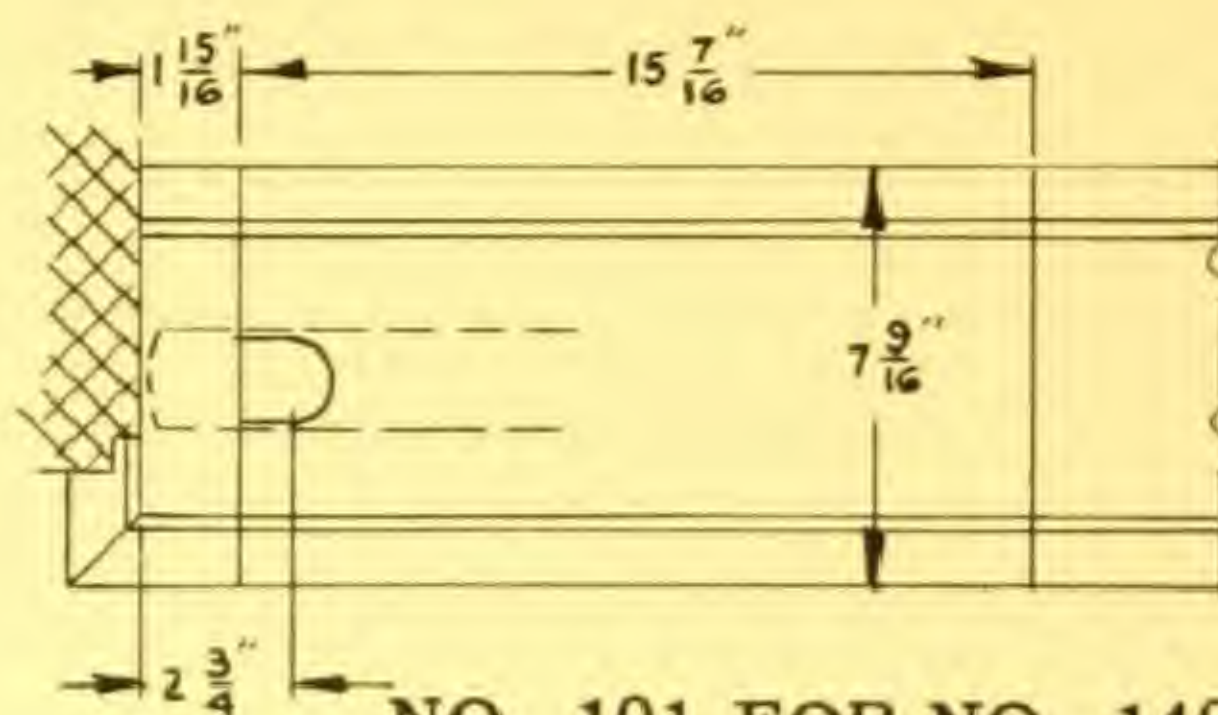
THE SERVICES OF OUR ENGINEERING DEPARTMENT ARE OFFERED FOR YOUR ASSISTANCE IN SOLVING THE UNUSUAL THRESHOLD PROBLEMS THAT OCCASIONALLY ARISE

STANDARD OF QUALITY

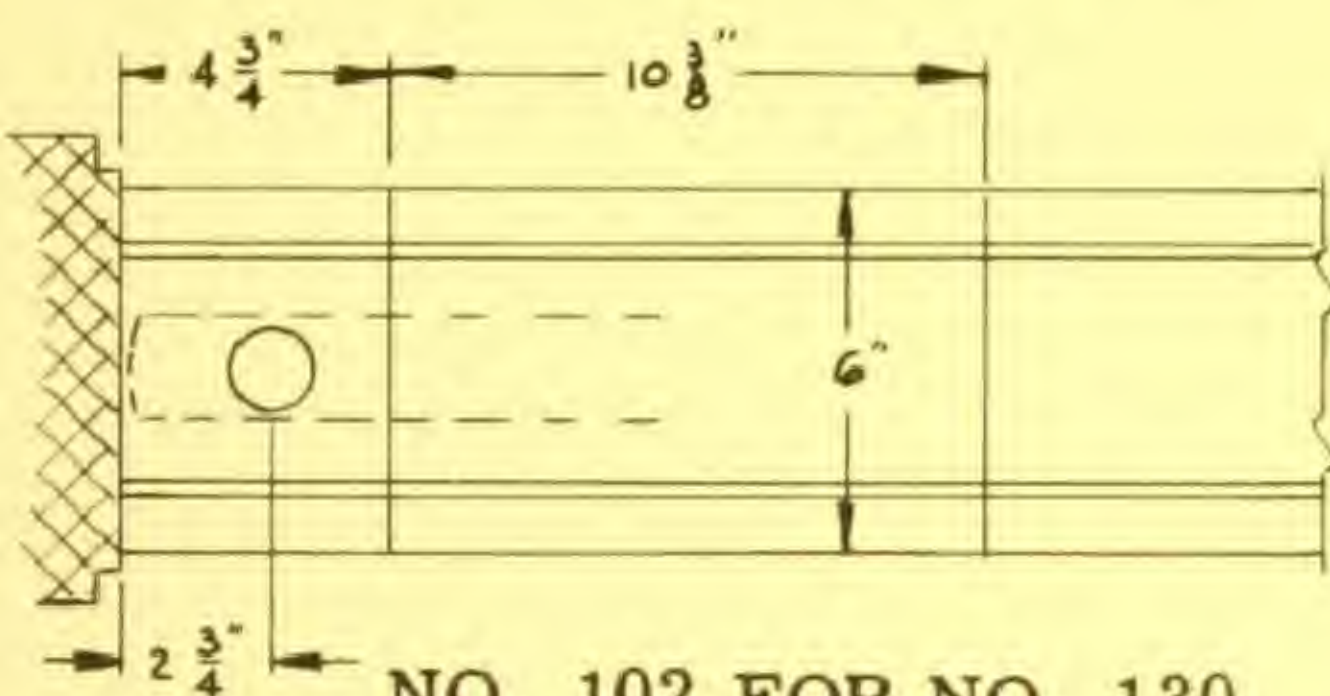
• THRESHOLDS FOR TEMPERED GLASS DOORS •



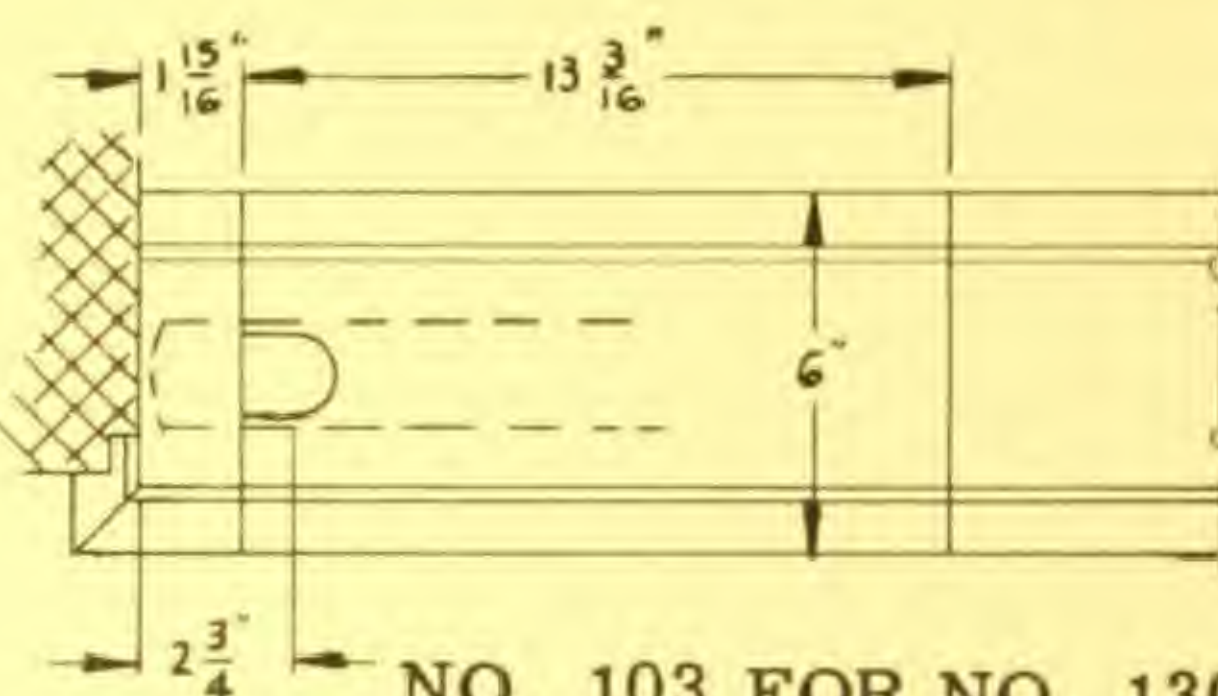
NO. 100 FOR NO. 140
RIXSON TYPE 1A X 800



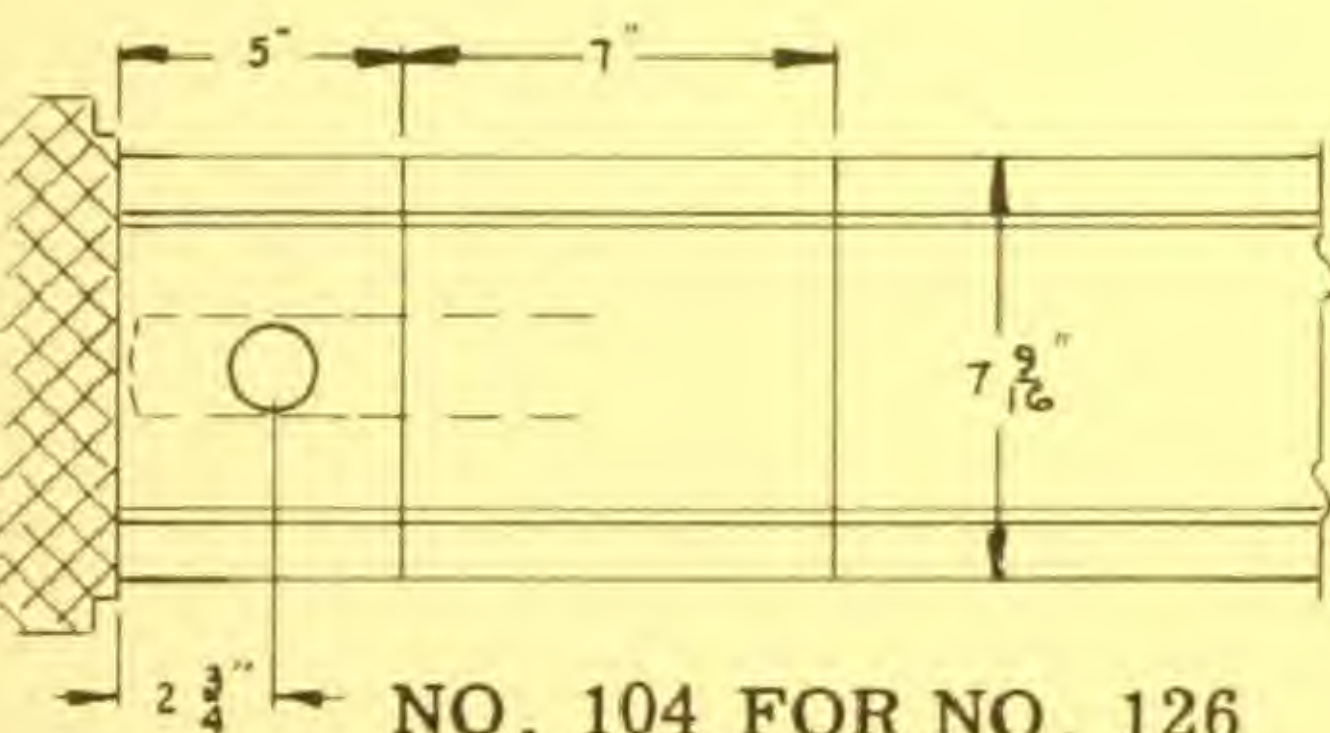
NO. 101 FOR NO. 140
RIXSON TYPE 4 X 800



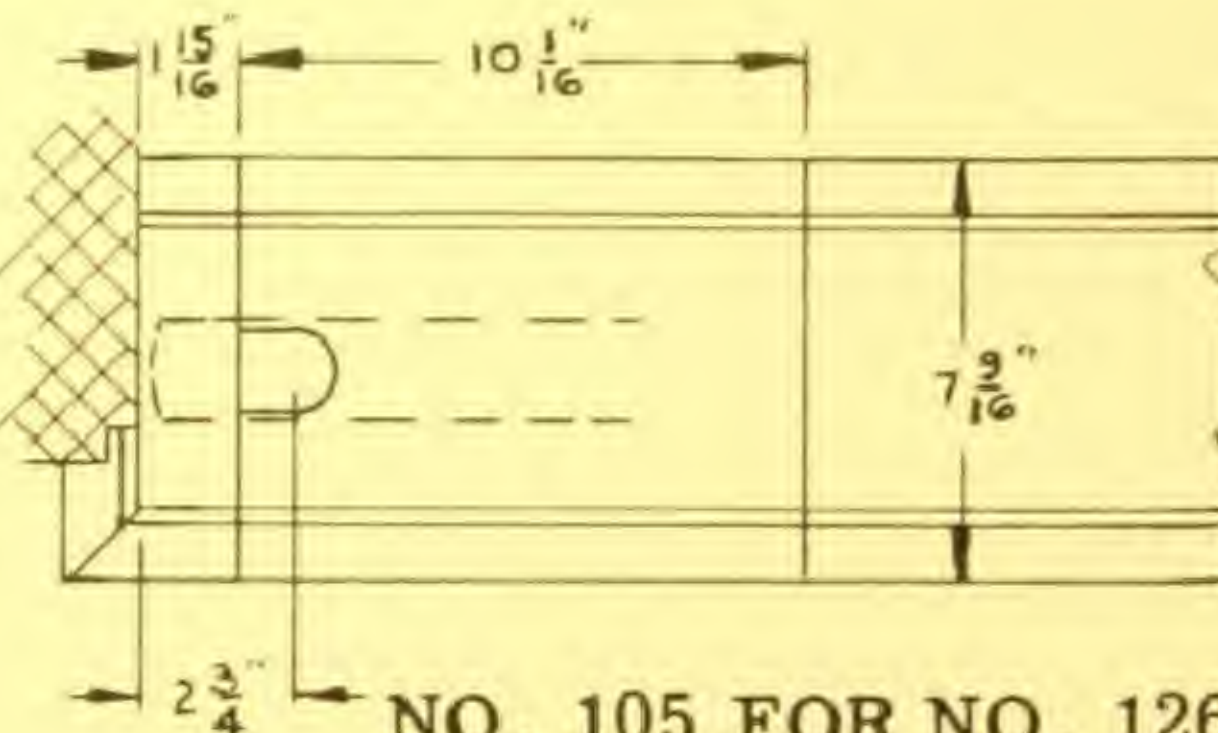
NO. 102 FOR NO. 130
RIXSON TYPE 1A X 600



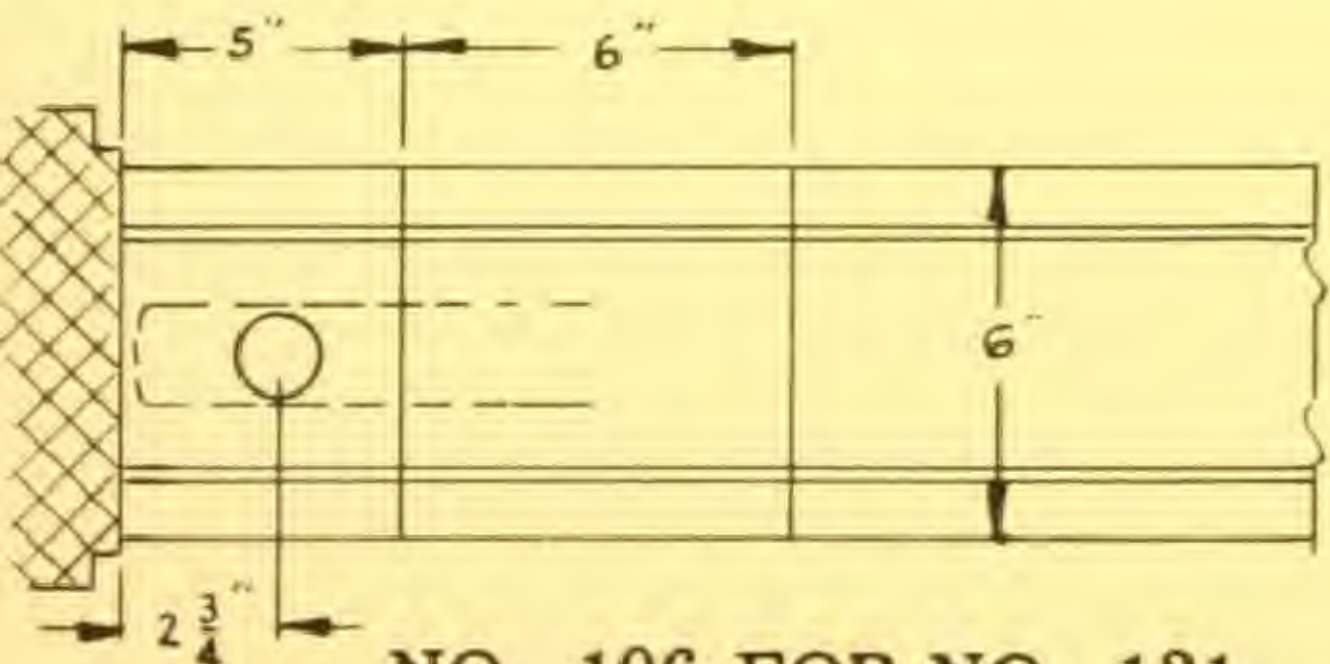
NO. 103 FOR NO. 130
RIXSON TYPE 4 X 600



NO. 104 FOR NO. 126
RIXSON TYPE 1A X 800



NO. 105 FOR NO. 126
RIXSON TYPE 4 X 800



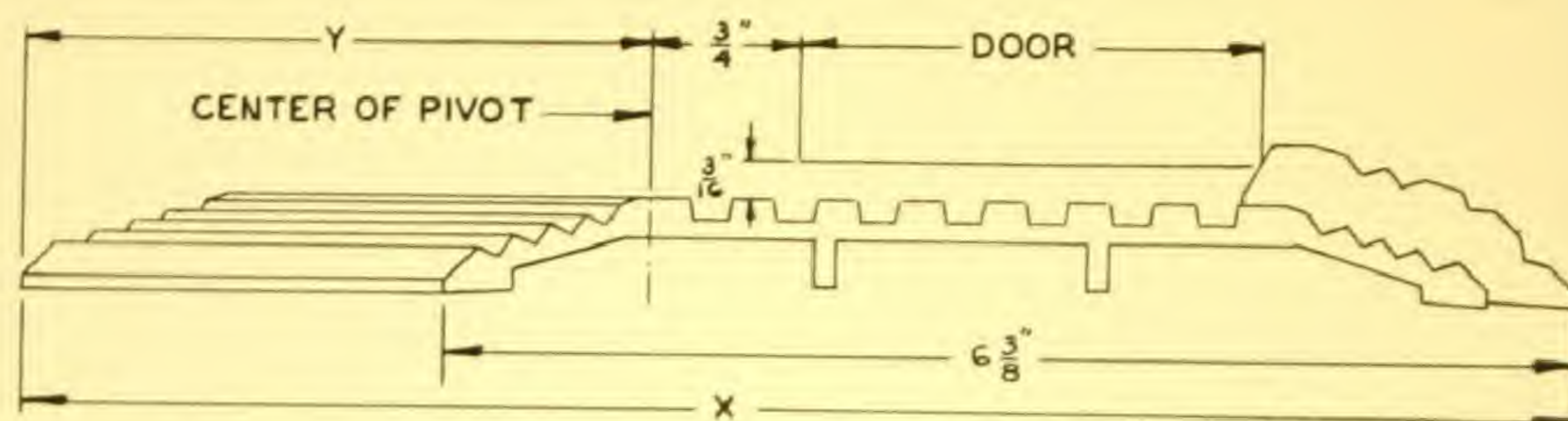
NO. 106 FOR NO. 121
RIXSON TYPE 1A X 600



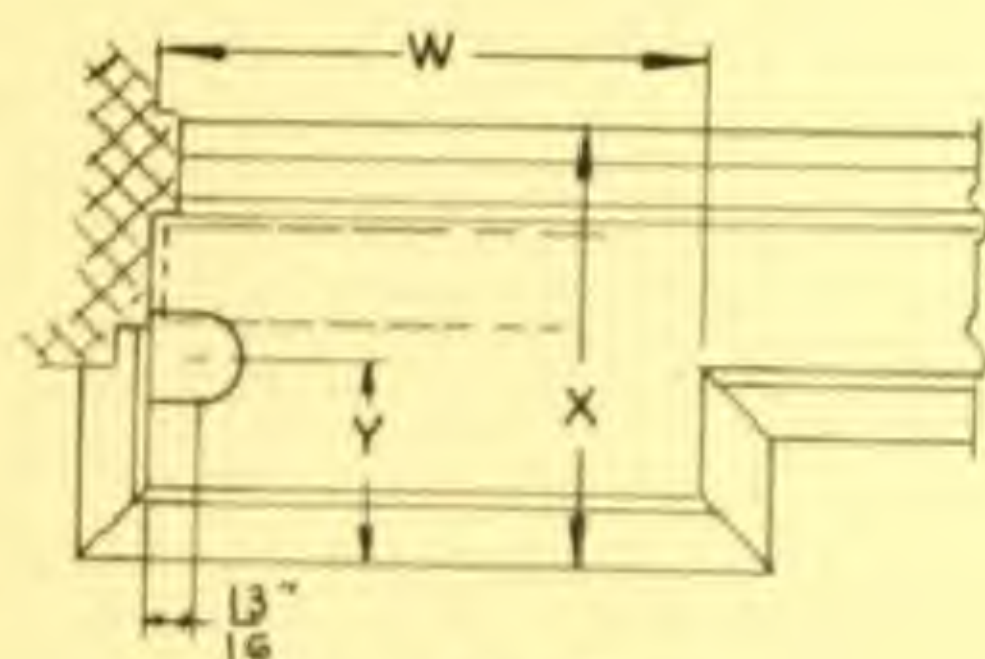
NO. 107 FOR NO. 121
RIXSON TYPE 4 X 600

STANDARD OF QUALITY

• THRESHOLDS WITH NO.55 STOP STRIP • FOR SINGLE ACTING DOORS

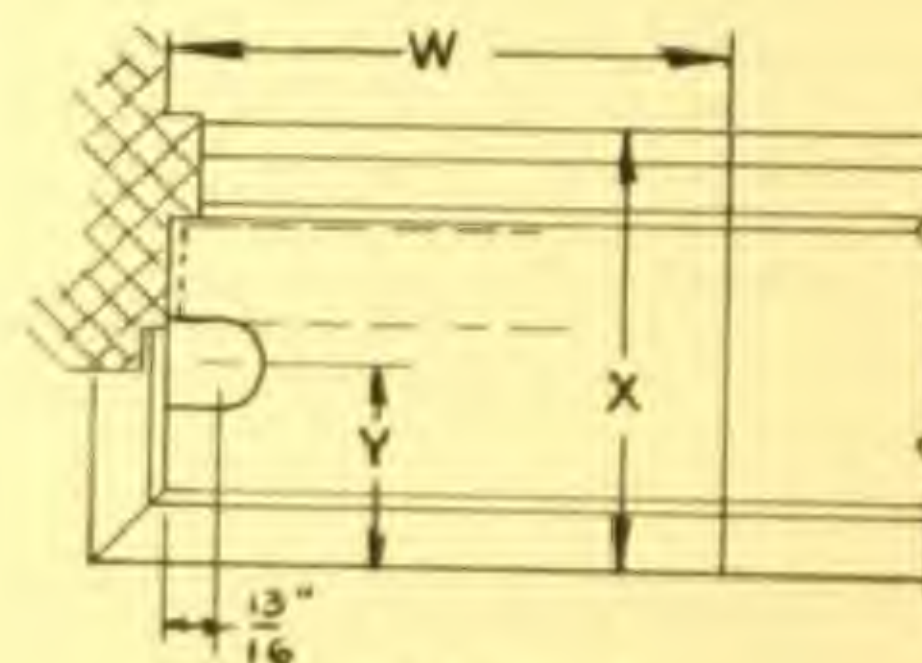


NO. 117 X 55 AND NO. 119 X 55

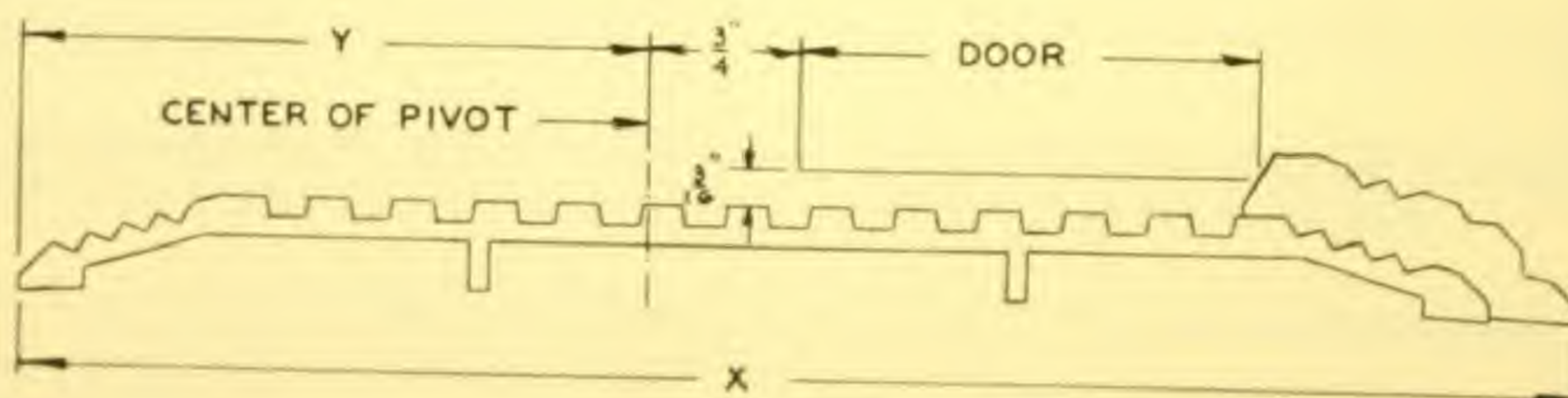


TYPE 5

DOOR	W	X	Y
1 3/4	10 1/16	8	3 29/32
2 1/4	10 1/16	8	3 13/32
2 1/2	10 1/16	8	3 5/16
2 3/4	10 1/16	8	3 1/16



TYPE 3

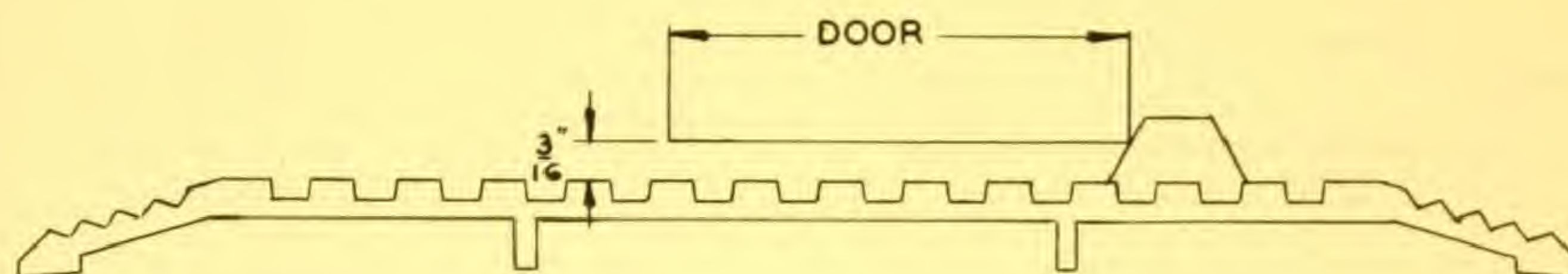


NO. 122 X 55 AND NO. 123 X 55

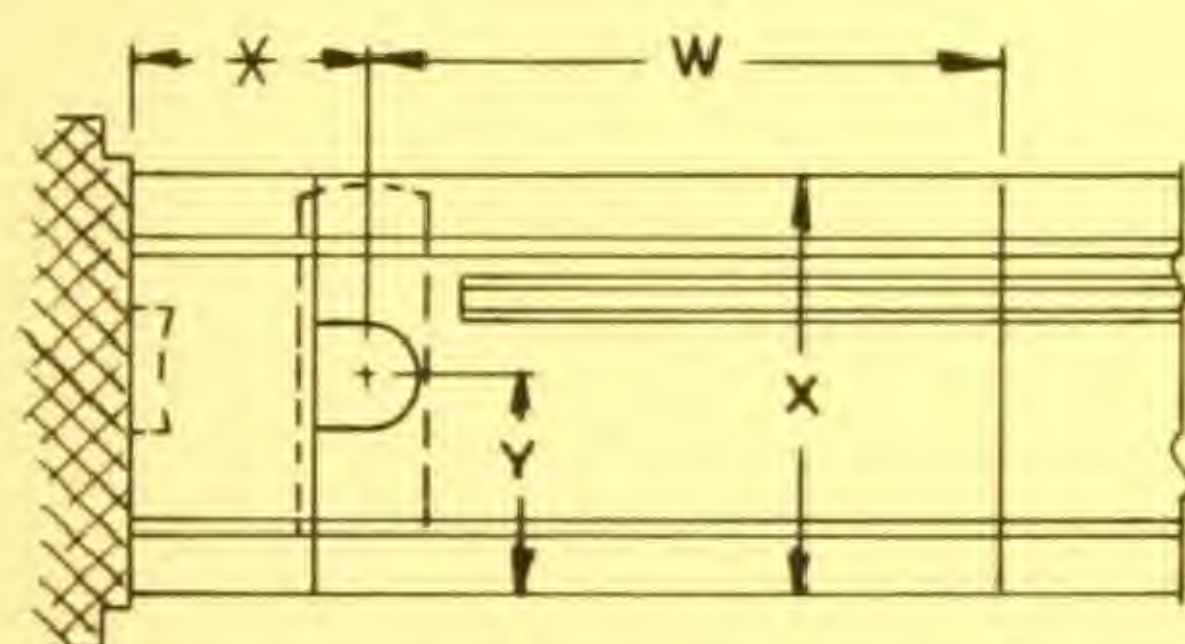
SPECIFY DOOR THICKNESS WHEN ORDERING
THRESHOLDS WITH STOP STRIP

STANDARD OF QUALITY

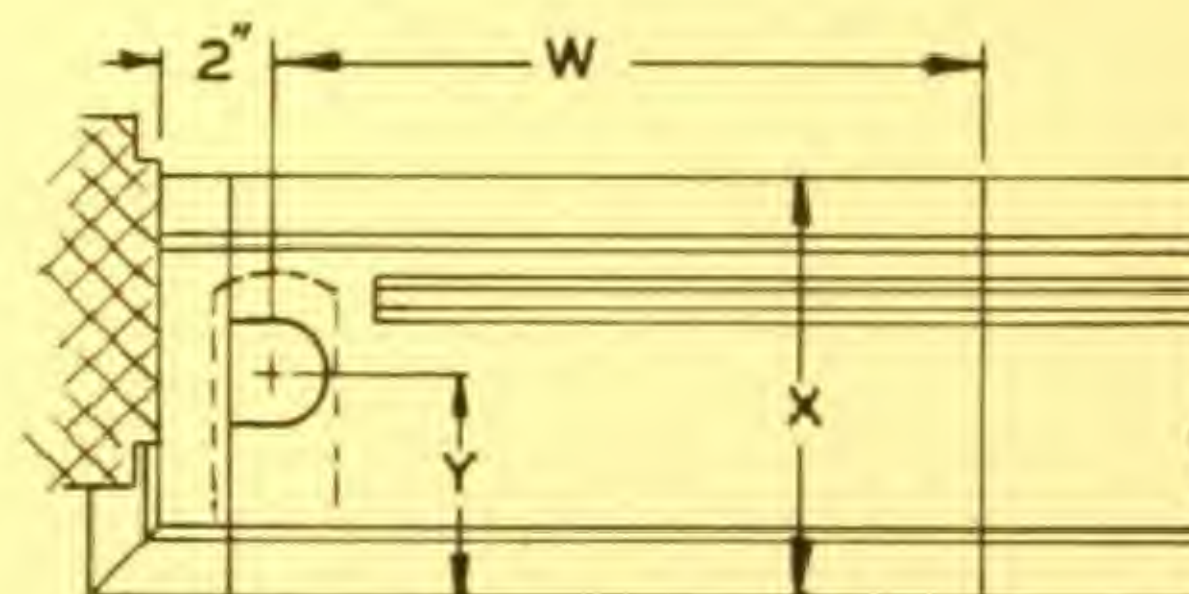
• THRESHOLDS WITH NO.56 STOP STRIP • FOR SINGLE ACTING DOORS



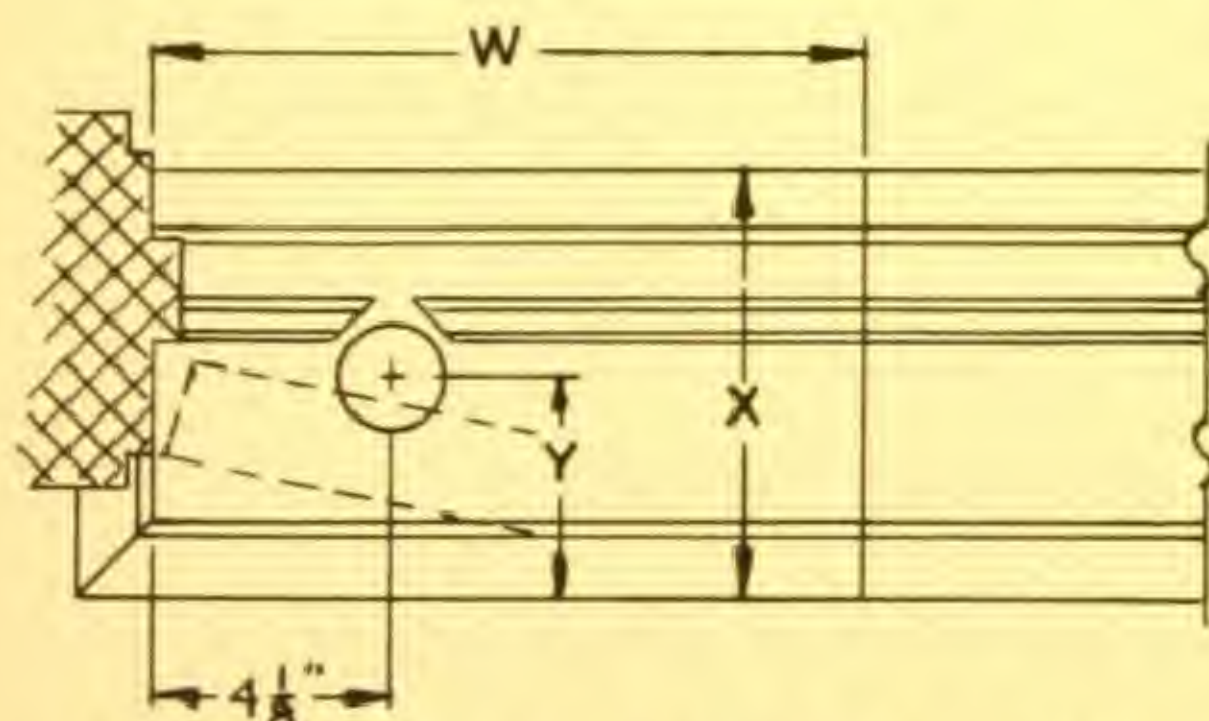
	NO. 112, 113			NO. 114, 115			NO. 120			NO. 121			NO. 124			NO. 125		
DOOR	W	X	Y	W	X	Y	W	X	Y	W	X	Y	W	X	Y	W	X	Y
1 3/4	9 1/4	7 9/16	3 3/4	8 1/4	7 9/16	3 3/4	9 1/4	7 9/16	3 3/4	8 1/4	7 9/16	3 3/4	12 3/8	7 9/16	3 3/4	13 3/8	7 9/16	3 3/4
2	9 1/4	7 9/16	3 5/8	8 1/4	7 9/16	3 5/8	9 1/4	7 9/16	3 5/8	8 1/4	7 9/16	3 5/8	12 3/8	7 9/16	3 5/8	13 3/8	7 9/16	3 5/8
2 1/4	9 1/4	7 9/16	3 7/8	8 1/4	7 9/16	3 7/8	9 1/4	7 9/16	3 7/8	8 1/4	7 9/16	3 7/8	12 3/8	7 9/16	3 7/8	13 3/8	7 9/16	3 7/8
2 1/2	9 1/4	7 9/16	3 3/4	8 1/4	7 9/16	3 3/4	9 1/4	7 9/16	3 3/4	8 1/4	7 9/16	3 3/4	12 3/8	7 9/16	3 3/4	13 3/8	7 9/16	3 3/4
2 3/4	9 1/4	7 9/16	3 5/8	8 1/4	7 9/16	3 5/8	9 1/4	7 9/16	3 5/8	8 1/4	7 9/16	3 5/8	12 3/8	7 9/16	4	13 3/8	7 9/16	4



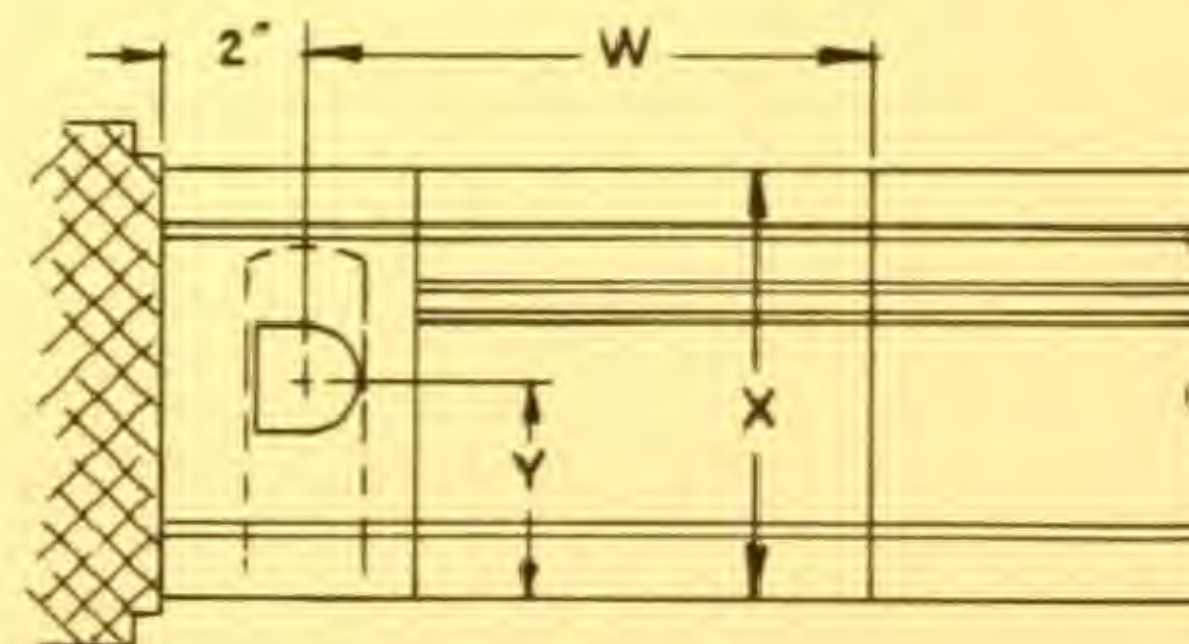
NO. 120 X 56 AND NO. 121 X 56



NO. 113 X 56 AND NO. 115 X 56



NO. 124 X 56 AND NO. 125 X 56

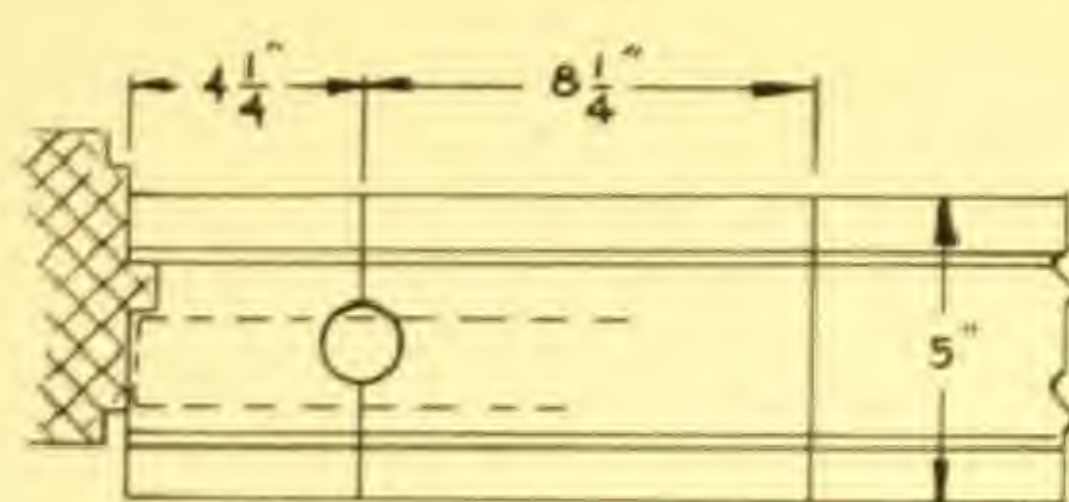


NO. 112 X 56 AND NO. 114 X 56

* SPECIFY DIMENSION

STANDARD OF QUALITY

• THRESHOLDS FOR LEN DOOR CLOSERS •



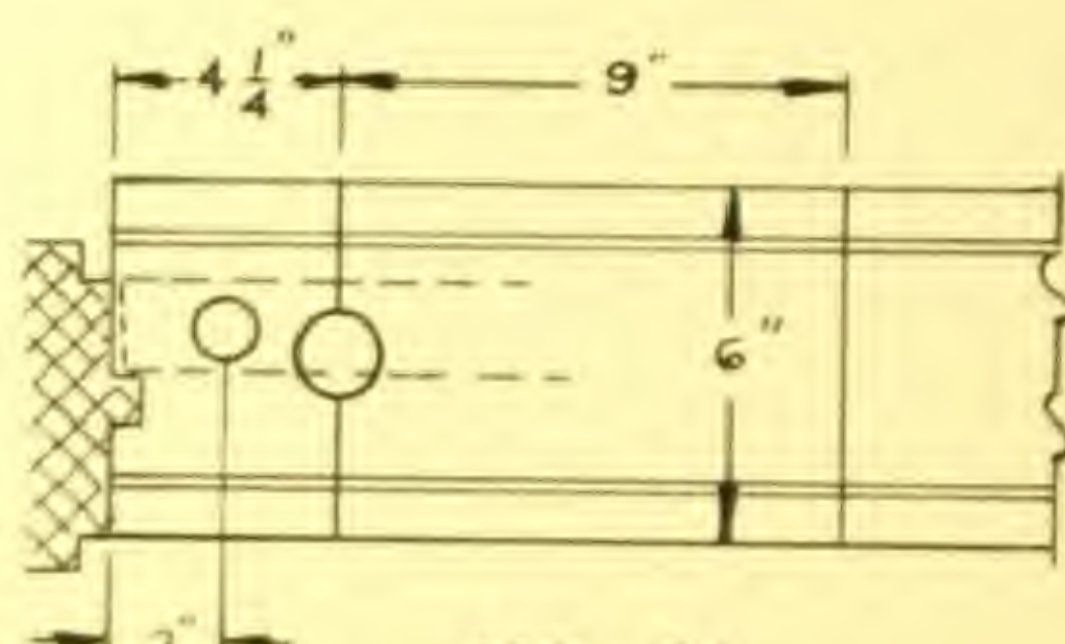
NO. 4
FOR SINGLE ACTING DOORS HUNG ON BUTTS



NO. 6

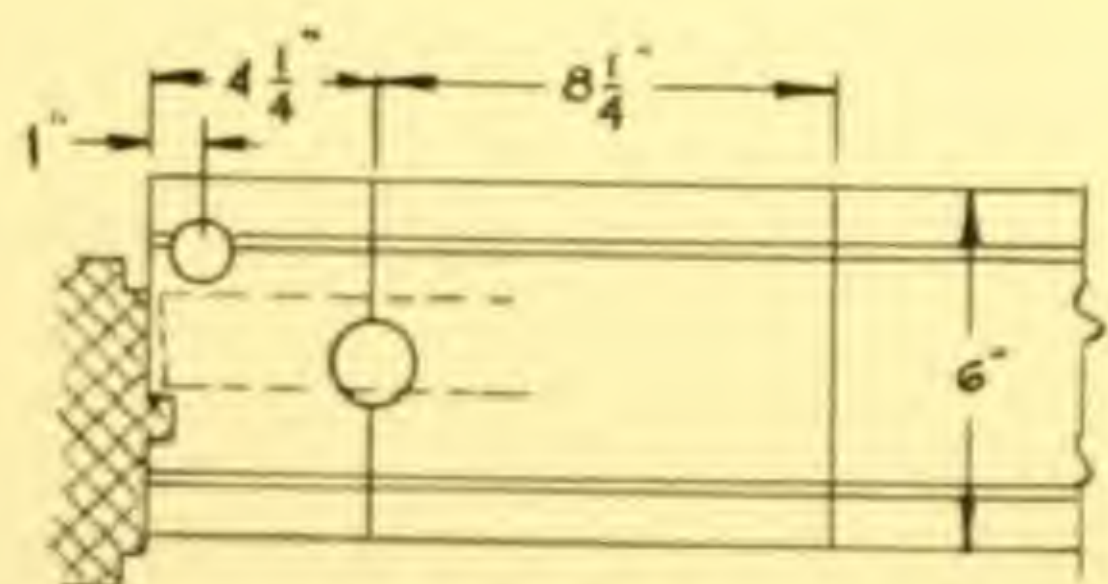


NO. 04



NO. 06

FOR CENTER PIVOTED SINGLE ACTING DOORS



NO. 14



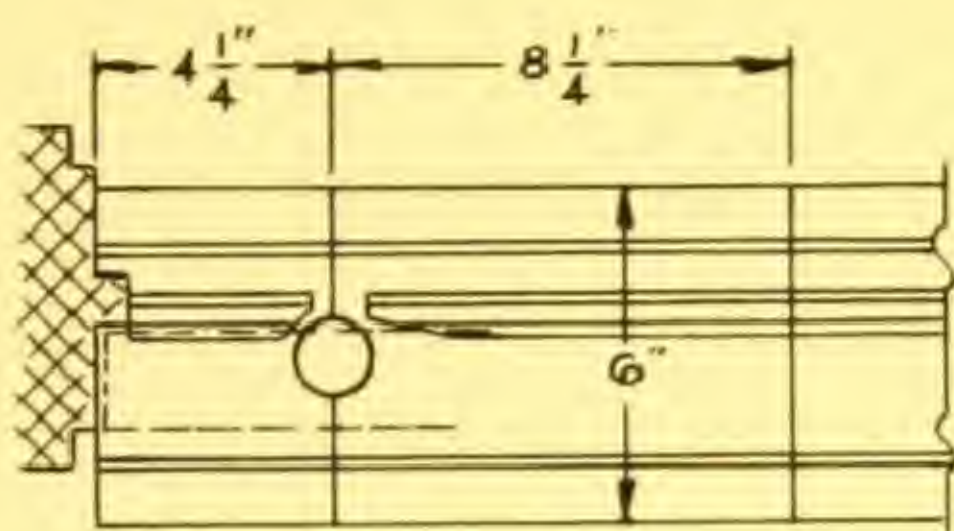
NO. 16

FOR OFFSET PIVOTED SINGLE ACTING DOORS

THRESHOLDS CAN ALSO BE FURNISHED WITH OR WITHOUT NO. 56 STOP STRIP AND WITH HOLES FOR PIVOTS WHEN OVERHEAD CLOSERS ARE USED. SPECIFY DOOR THICKNESS AND DISTANCE BETWEEN JAMB AND CENTER OF PIVOT.

STANDARD OF QUALITY

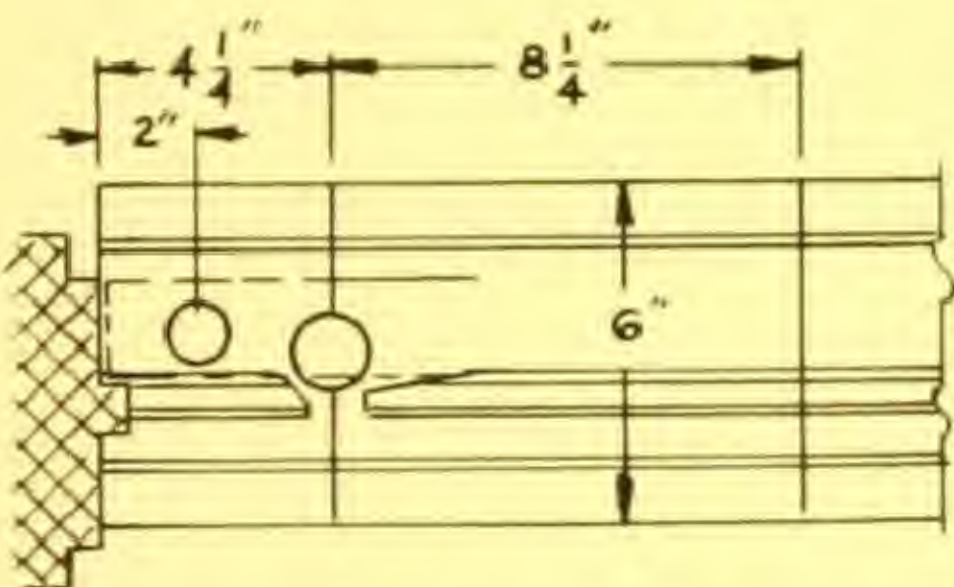
• THRESHOLDS WITH NO. 56 STOP STRIP •
FOR LEN DOOR CLOSERS



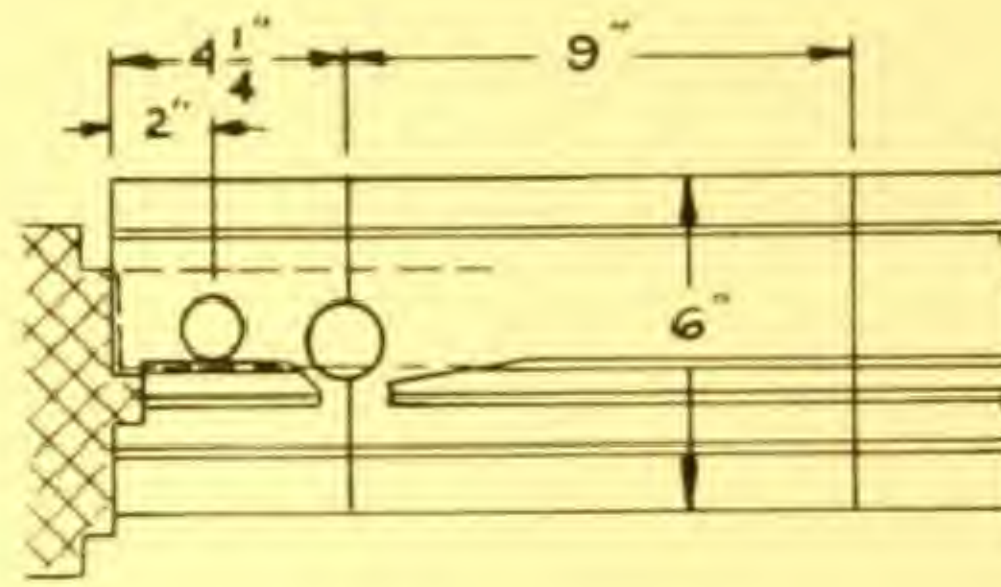
NO. 4 x 56



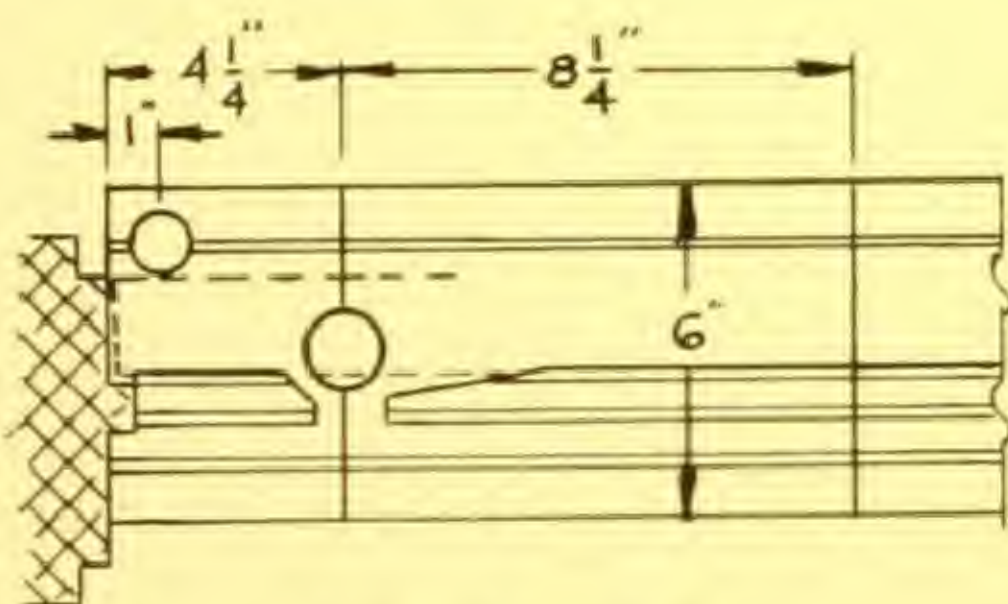
NO. 6 x 56



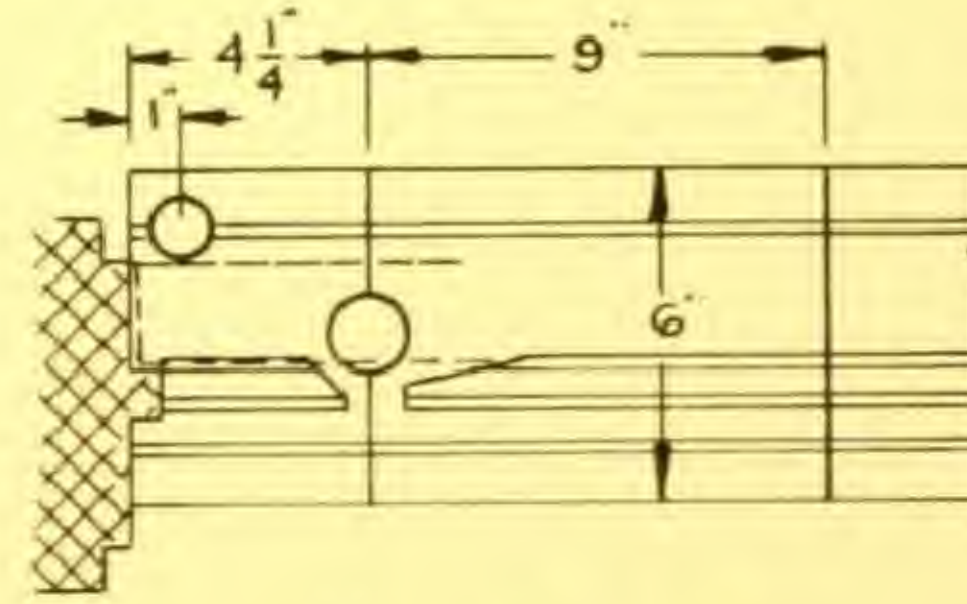
NO. 04 x 56



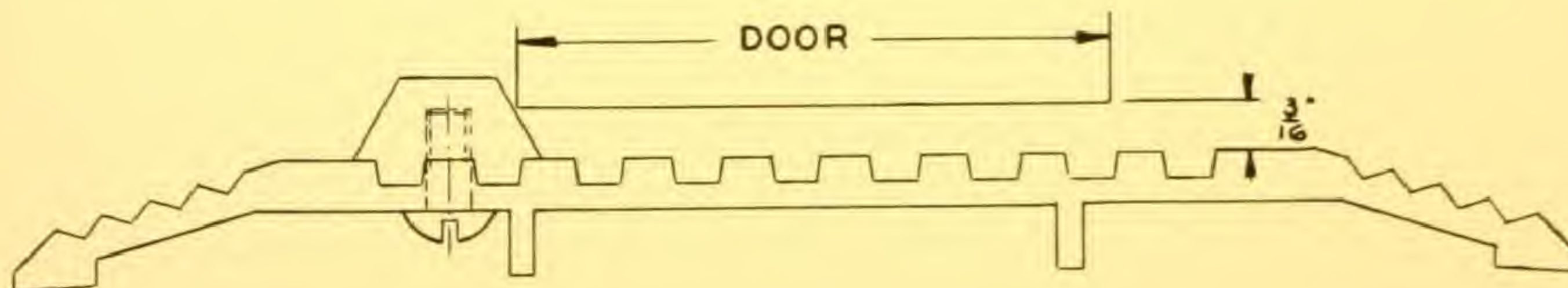
NO. 06 x 56



NO. 14 X 56



NO. 16 x 56



SPECIFY DOOR THICKNESS WHEN ORDERING
THRESHOLDS WITH STOP STRIP

The hardware illustrated in this catalog was developed to meet the requirements for this type of door, designed to blend with the simplicity of the door, bars and pulls of clear lucite, brackets of cast bronze or aluminum.

Bars and pulls are sturdy construction and guaranteed to give satisfactory service. Can be used on metal and wood door with equal results.

In addition to items illustrated in this catalog, we manufacture a line of architectural builders hardware for metal and wood doors.



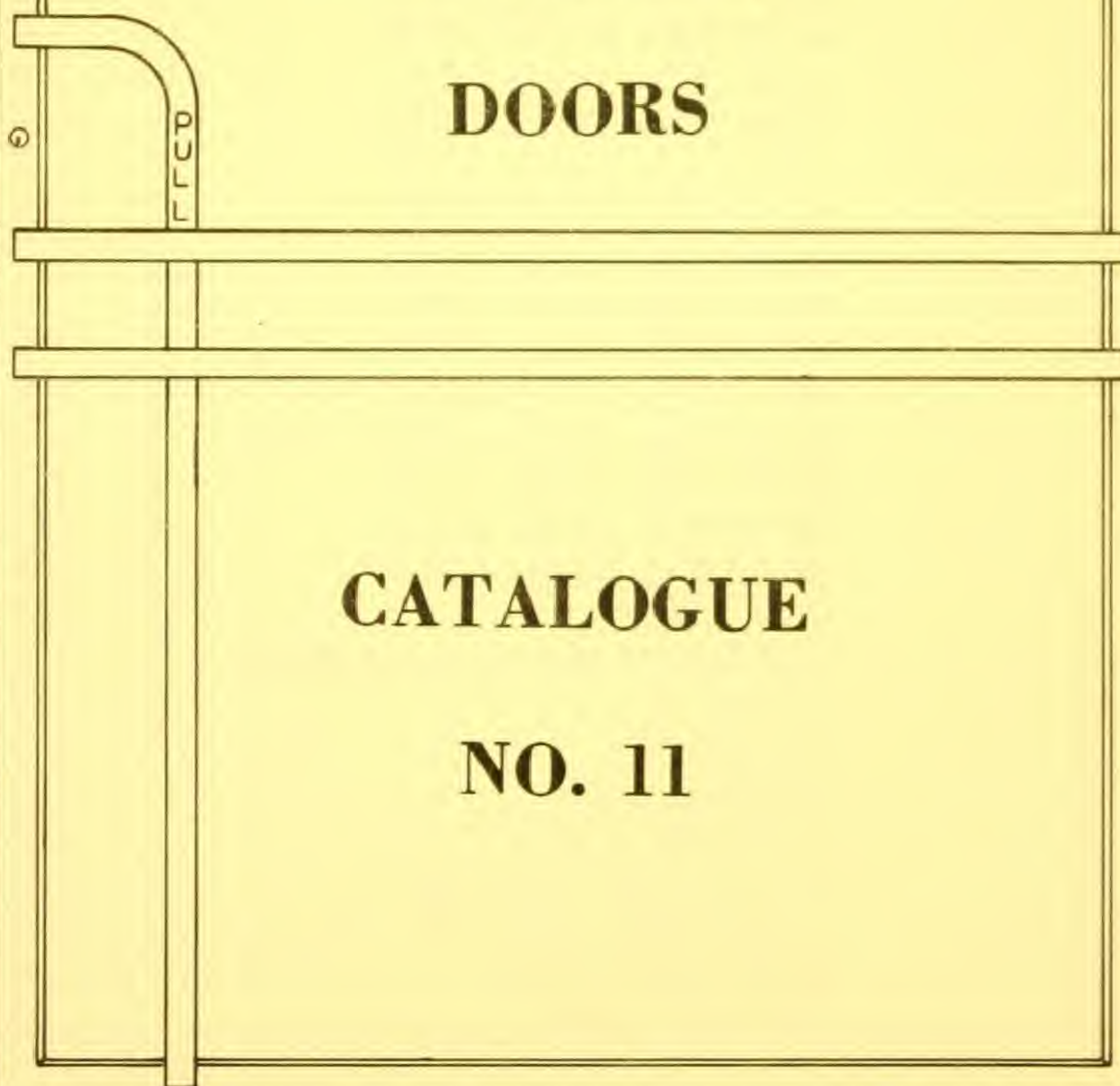


HARDWARE

FOR

TUBULAR

DOORS



CATALOGUE

NO. 11

DETROIT HARDWARE MANUFACTURING COMPANY
1320 MT. ELLIOTT AVE. - DETROIT 7, MICHIGAN - U. S. A.



A NAME LINE

STANDARD OF QUALITY

NUMERICAL INDEX

CATALOGUE NO. 11

NO.	ITEM	PAGE
110	MORTISE EXTENSION BOLT	9
120	MORTISE EXTENSION BOLT	9
130	MORTISE EXTENSION BOLT	9
140	MORTISE EXTENSION BOLT	9
150	MORTISE EXTENSION BOLT	9
641	MORTISE DEAD LOCK	4
651	MORTISE DEAD LOCK	5
661	MORTISE DEAD LOCK	6
731	MORTISE DEAD LOCK	3
741	MORTISE DEAD LOCK	4
751	MORTISE DEAD LOCK	5
761	MORTISE DEAD LOCK	6
831	MORTISE DEAD LOCK	3
841	MORTISE DEAD LOCK	4
851	MORTISE DEAD LOCK	5
861	MORTISE DEAD LOCK	6
931	MORTISE DEAD LOCK	3
941	MORTISE DEAD LOCK	4
951	MORTISE DEAD LOCK	5
961	MORTISE DEAD LOCK	6
1130	CYLINDER	7
1134	THUMB TURN ATTACHMENT	8
1135	LOCK	7
1136	CYLINDER	7
1137	THUMB TURN	7
1140	BLOCKING RING	8
1145	CYLINDER COLLAR	8
1146	CYLINDER COLLAR	8
1147	BLOCKING RING	8
1318	THUMB TURN	8

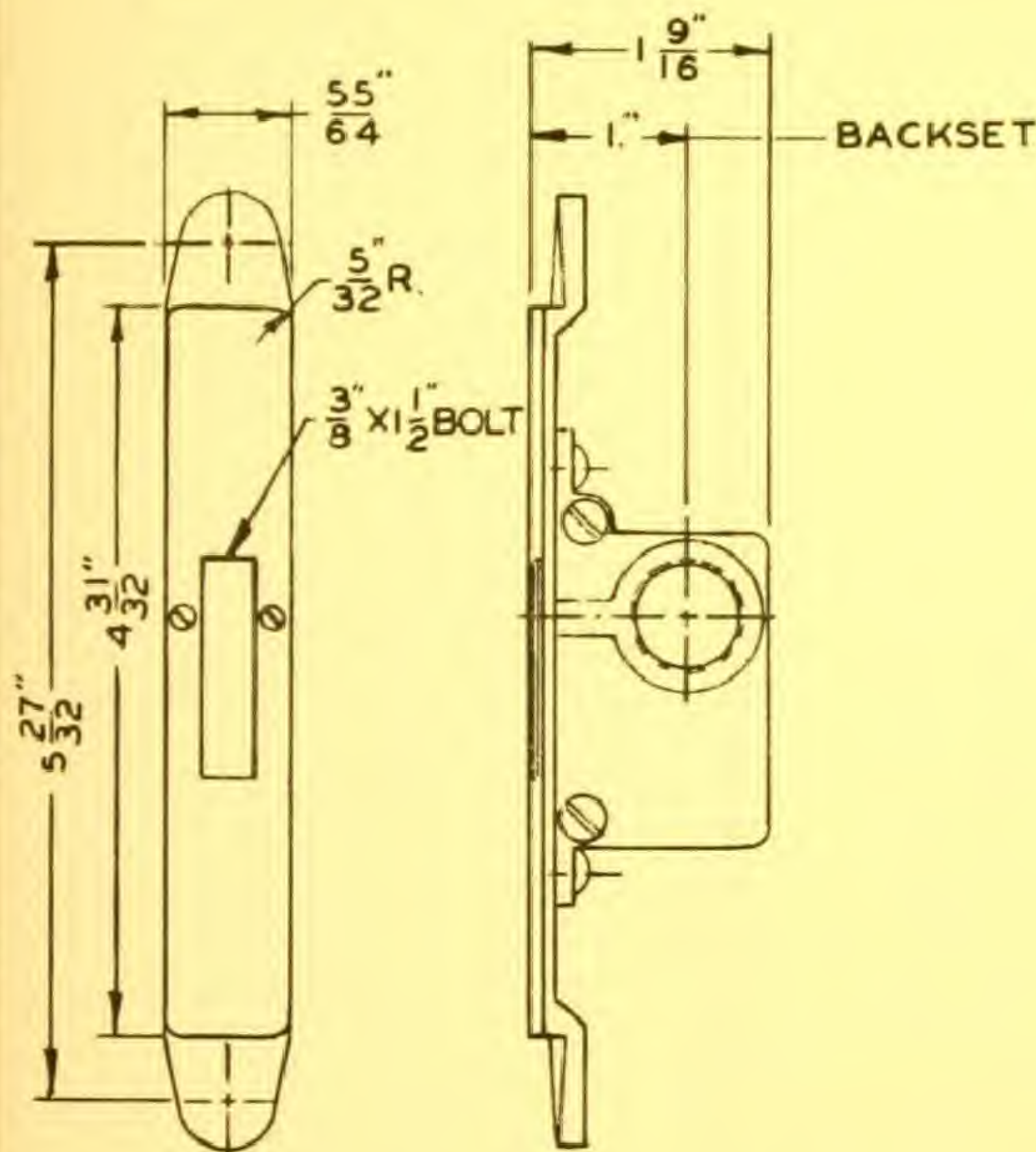
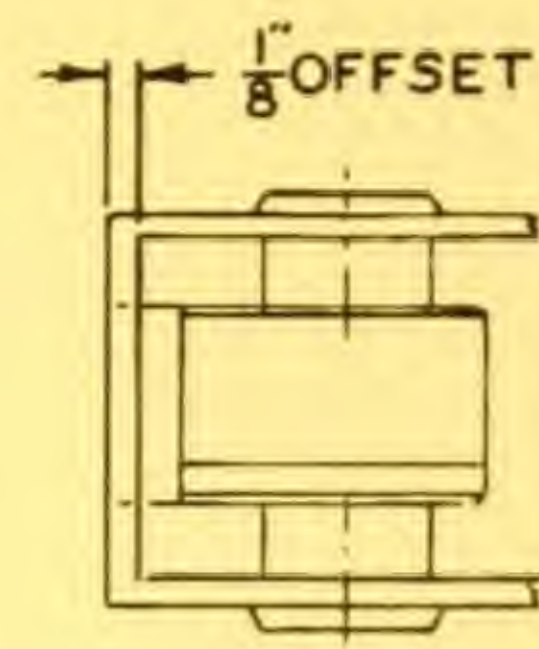
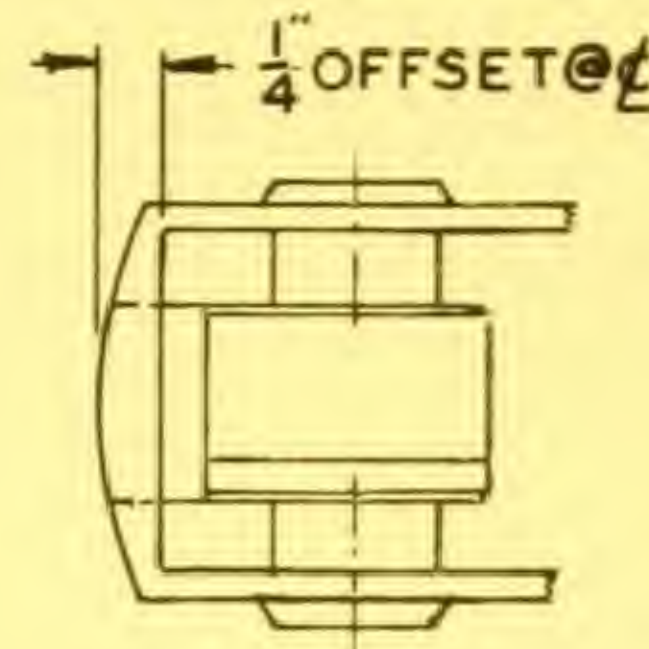
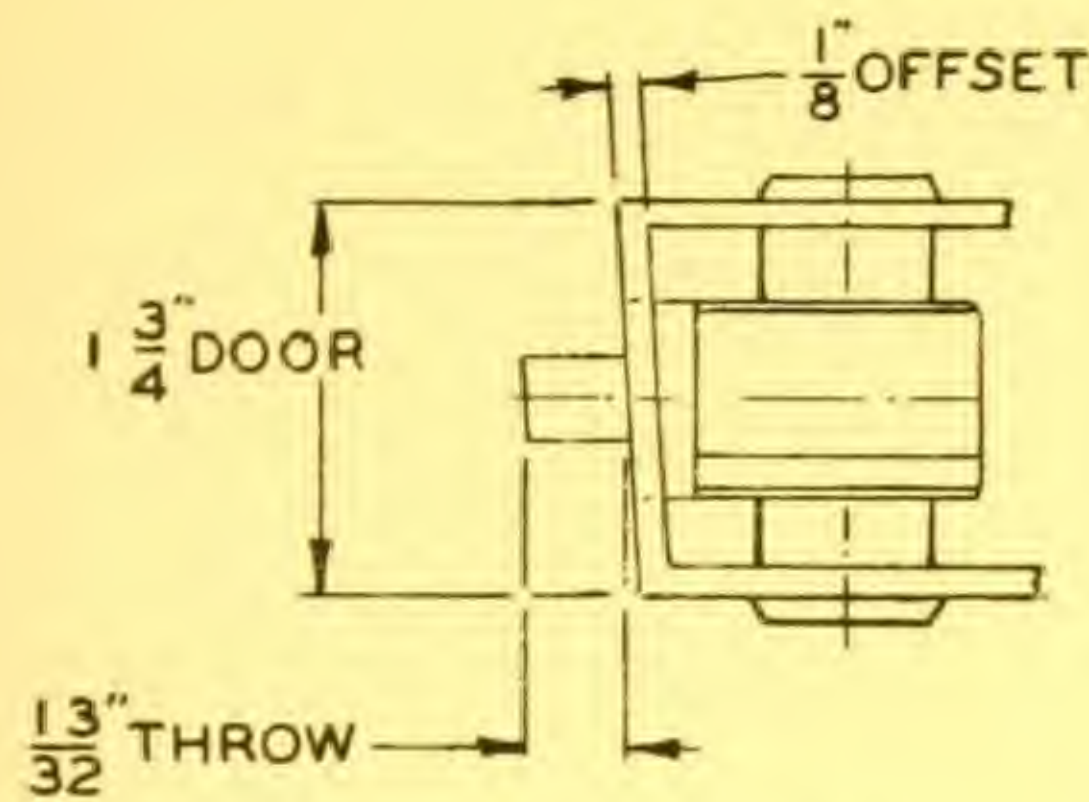


A NAME LINE

STANDARD OF QUALITY

TUBULAR DOOR HARDWARE

CYLINDER DEAD LOCKS FOR TUBULAR DOORS 3/4" - FIVE PIN CYLINDERS



NO. 731 - R. H.
Bevel Front

NO. 831
Round Front

NO. 931
Flat Front

SPECIFY HAND REQUIRED ON NO. 731 LOCKS
FOR REPLACEMENT ONLY
REGULAR FINISH - US26D
US10 FINISH MAY BE HAD WHEN ORDERED
PACKED ONE IN A BOX



A NAME LINE

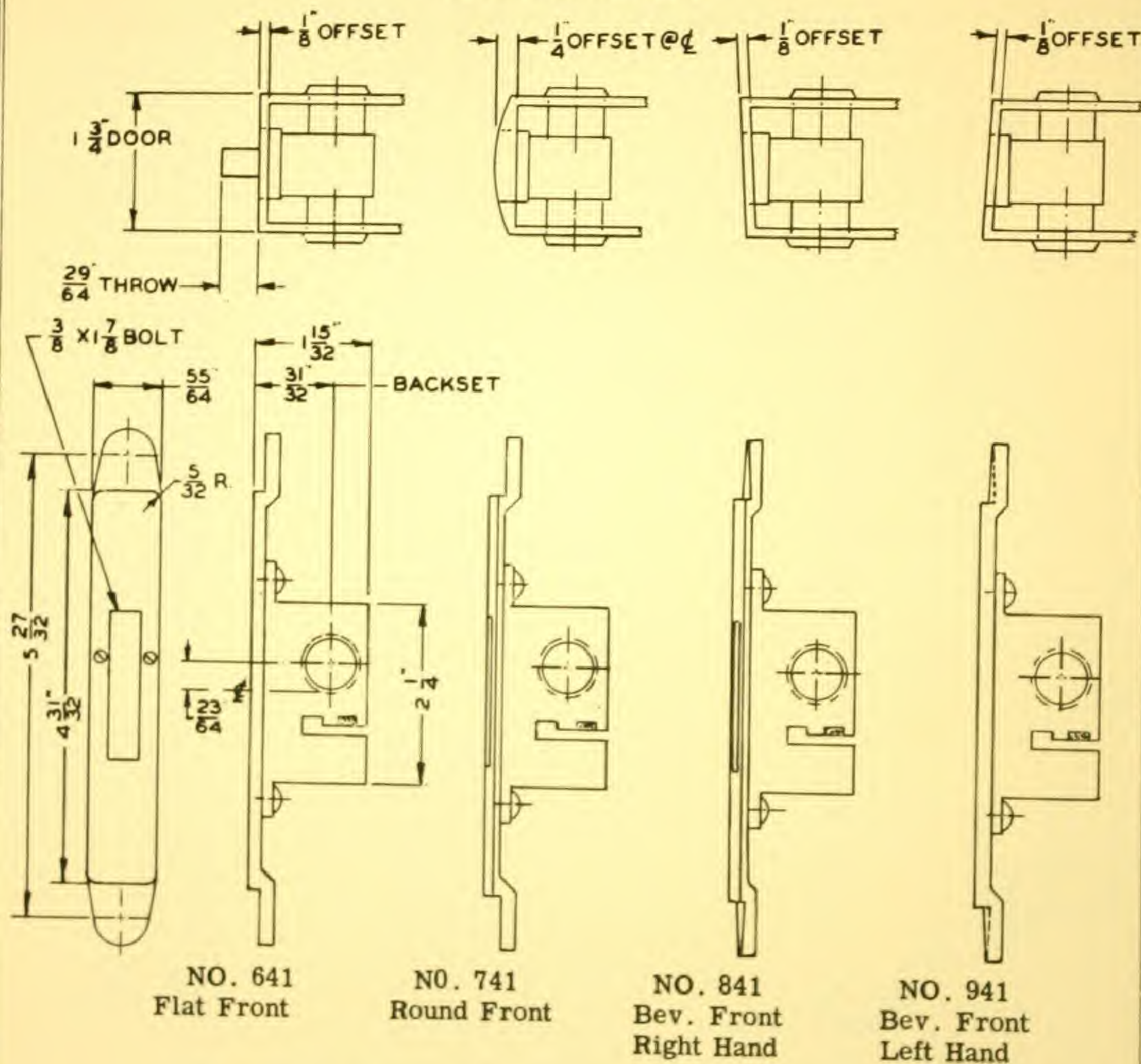
STANDARD OF QUALITY

TUBULAR DOOR HARDWARE

CYLINDER DEAD LOCKS FOR TUBULAR DOORS

3/4" - FIVE PIN CYLINDERS

Patent Applied For



REGULAR FINISH - US26D
US10 FINISH MAY BE HAD WHEN ORDERED
WEIGHT WITHOUT CYLINDERS - 13 OZ.



A NAME LINE

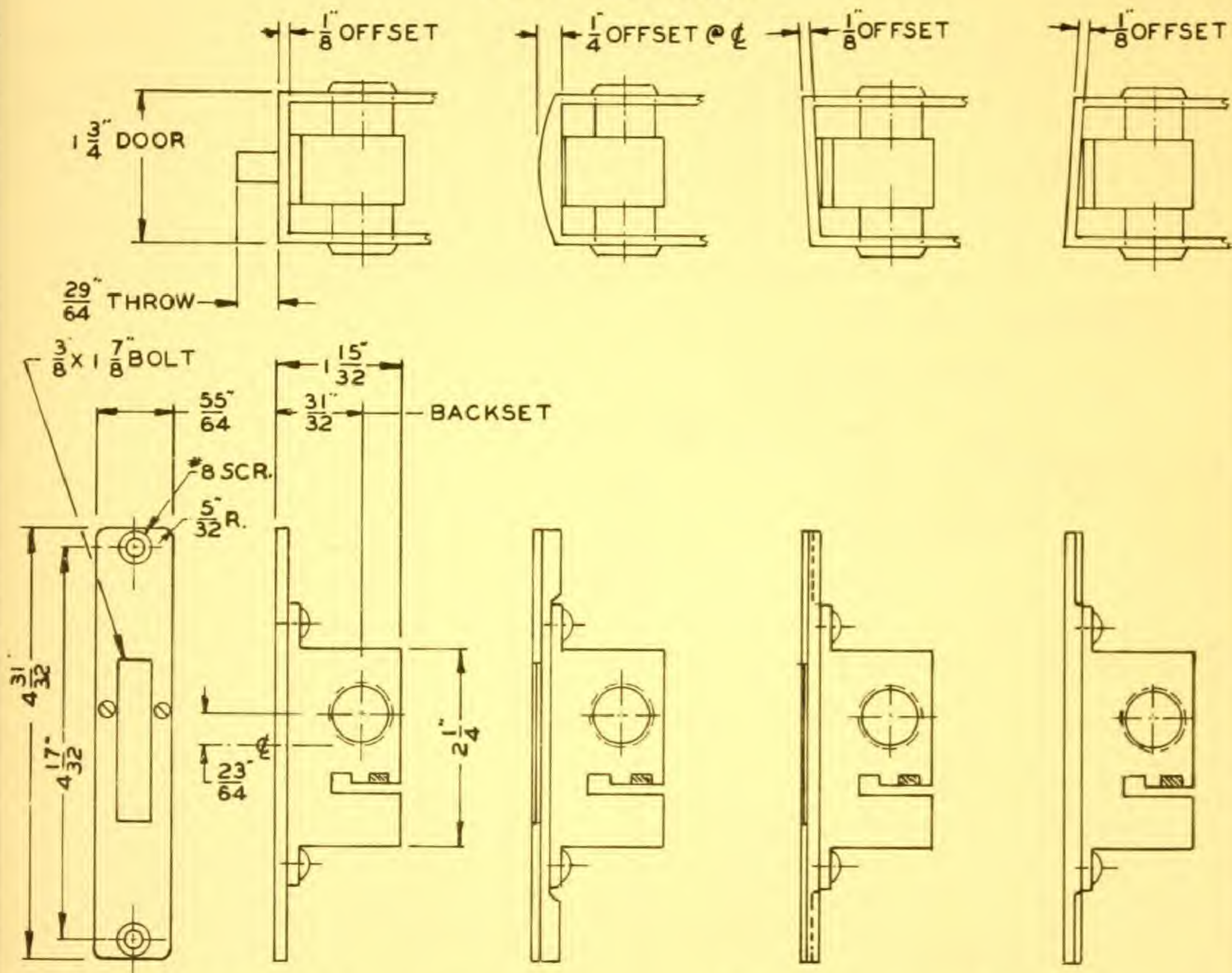
STANDARD OF QUALITY

TUBULAR DOOR HARDWARE

CYLINDER DEAD LOCKS FOR TUBULAR DOORS

3/4" - FIVE PIN CYLINDERS

Patent Applied For



NO. 651
Flat Front

NO. 751
Round Front

NO. 851
Bev. Front
Right Hand

NO. 951
Bev. Front
Left Hand

REGULAR FINISH - US26D

US10 FINISH MAY BE HAD WHEN ORDERED

WEIGHT - WITHOUT CYLINDERS - 13 OZ.

SCREW SIZE - 8/32 x 1/2 STAINLESS STEEL

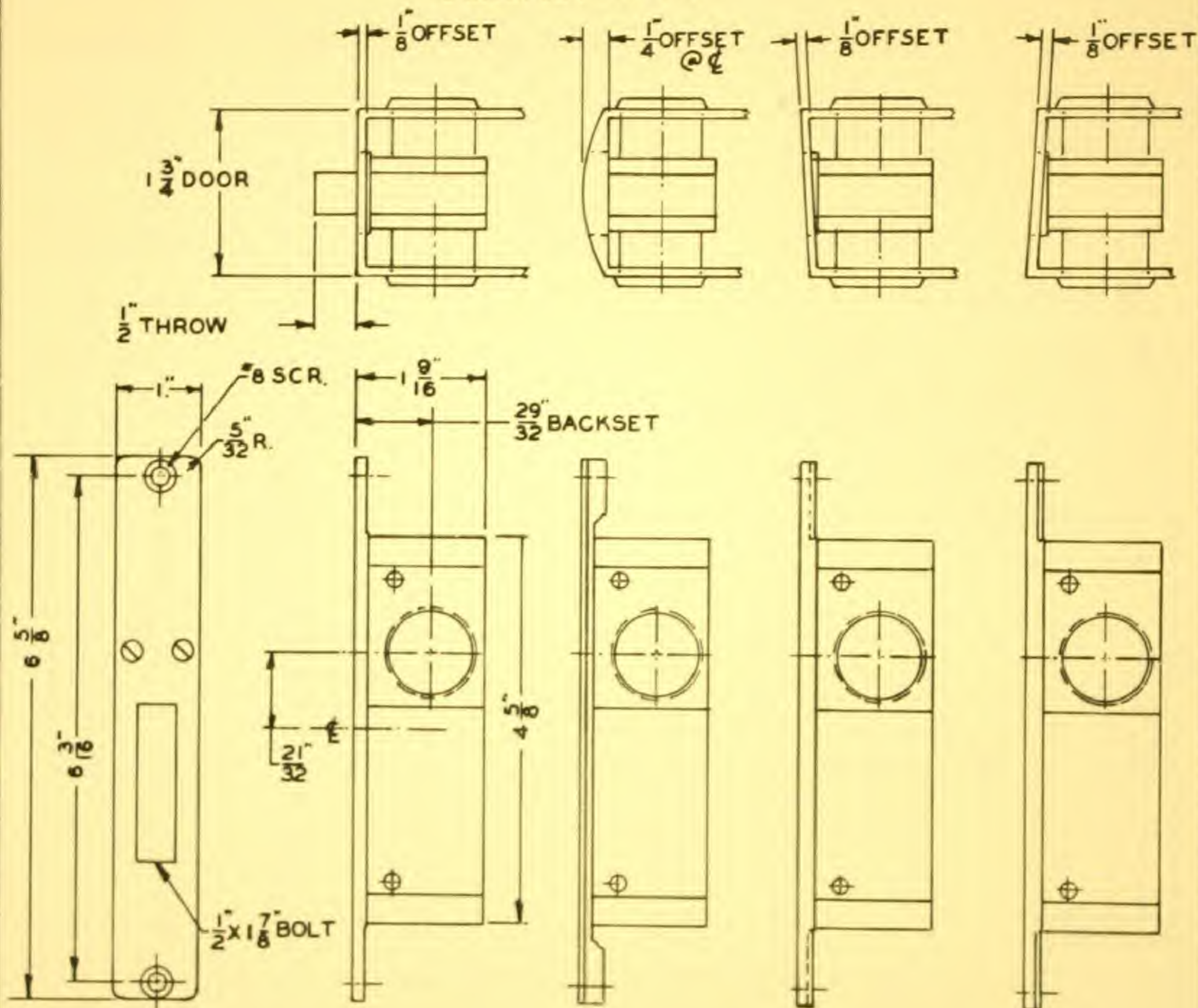


A NAME LINE

STANDARD OF QUALITY

TUBULAR DOOR HARDWARE

CYLINDER DEAD LOCKS FOR TUBULAR DOORS 1 1/8" - FIVE PIN CYLINDERS Patent Applied For



NO. 661
Flat Front

NO. 761
Round Front

NO. 861
Bev. Front
Right Hand

NO. 961
Bev. Front
Left Hand

REGULAR FINISH - US26D
US10 FINISH MAY BE HAD WHEN ORDERED
WEIGHT - WITHOUT CYLINDERS - 1 LB. 6 OZ.
SCREW SIZE - 8/32 x 1/2 STAINLESS STEEL

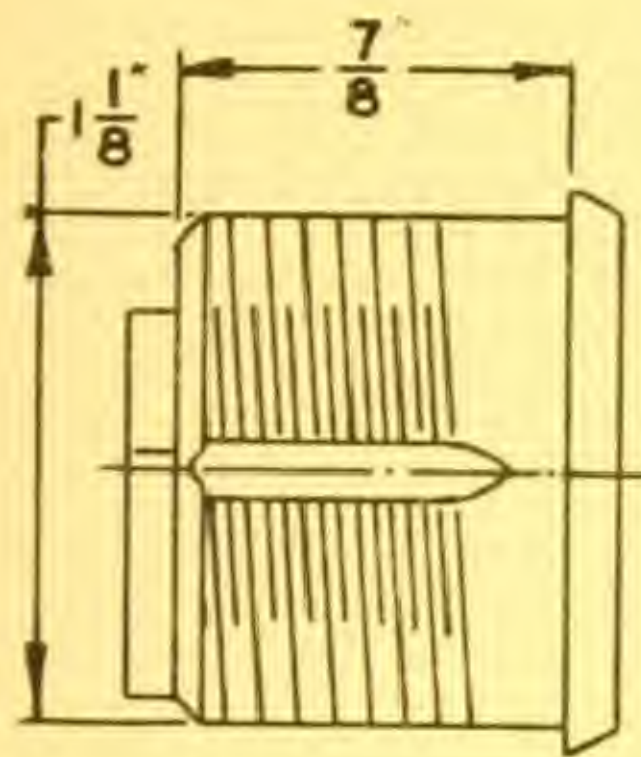


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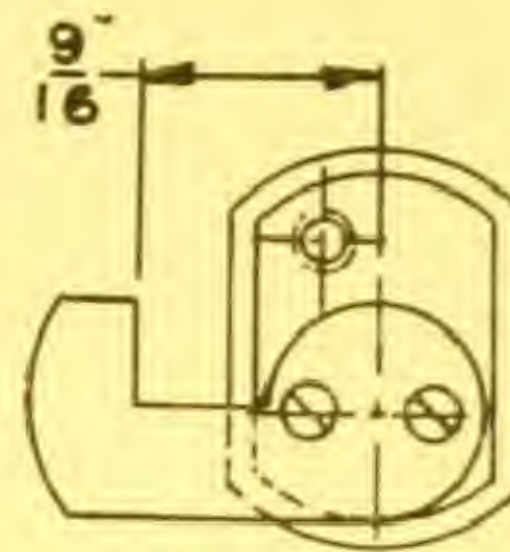
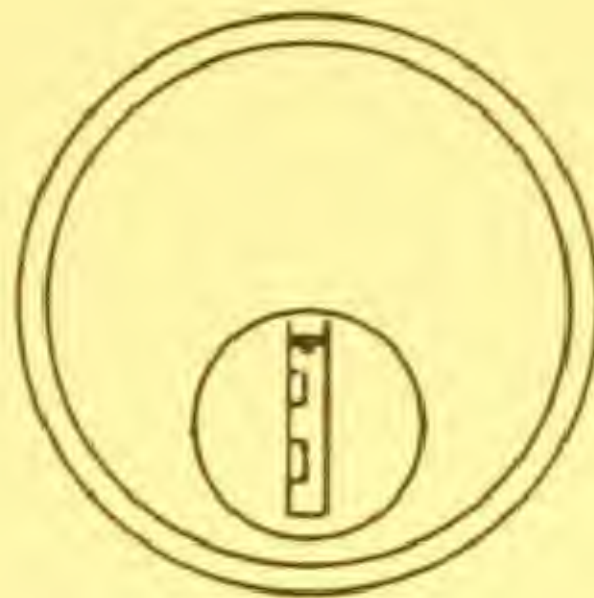
STANDARD OF QUALITY

TUBULAR DOOR HARDWARE

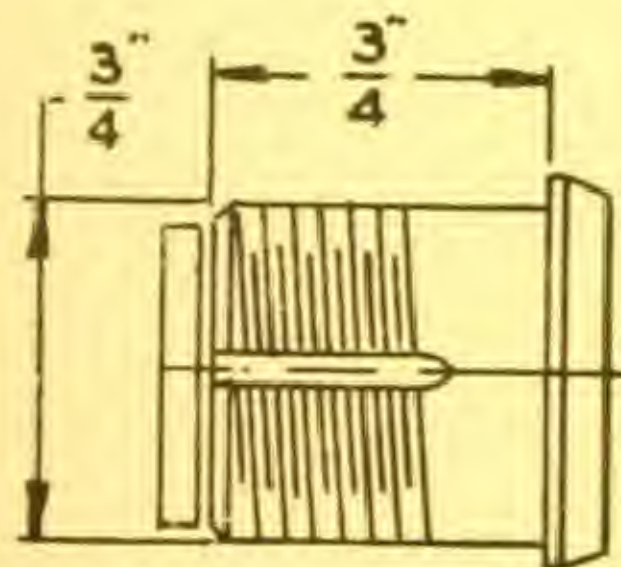
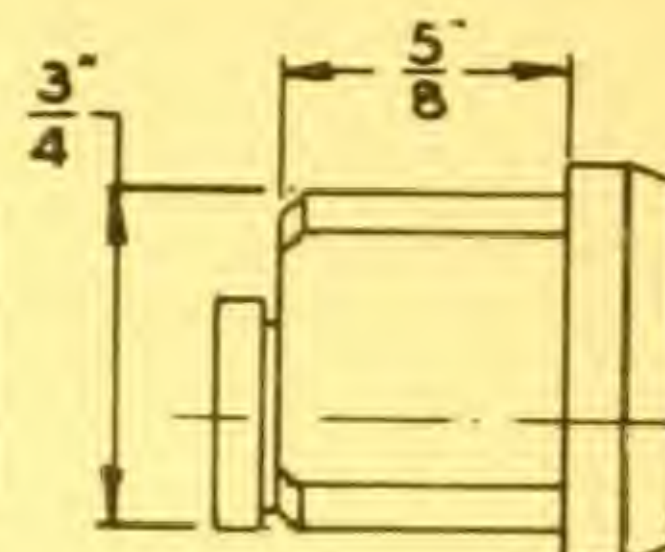
CYLINDERS



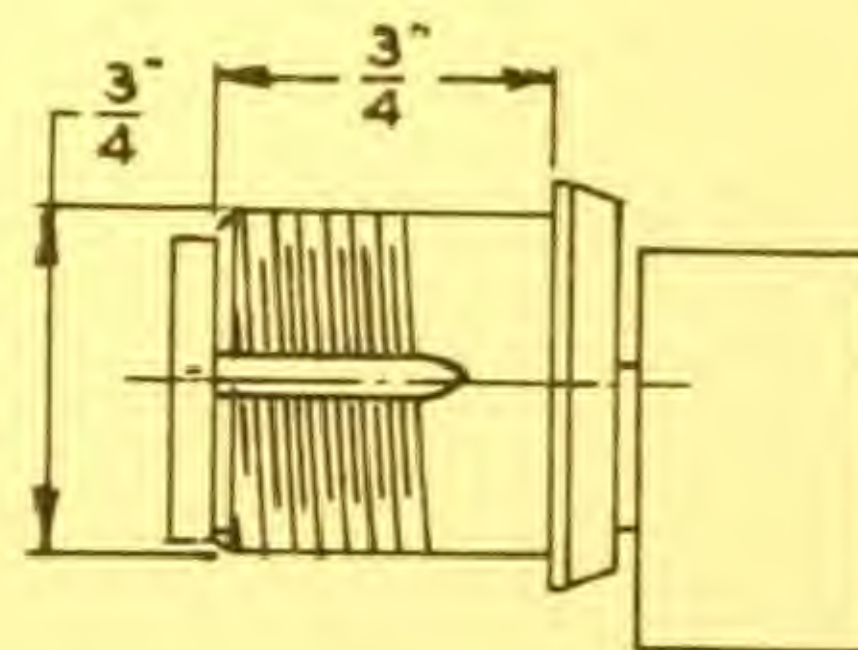
NO. 1130
2 Keys Each



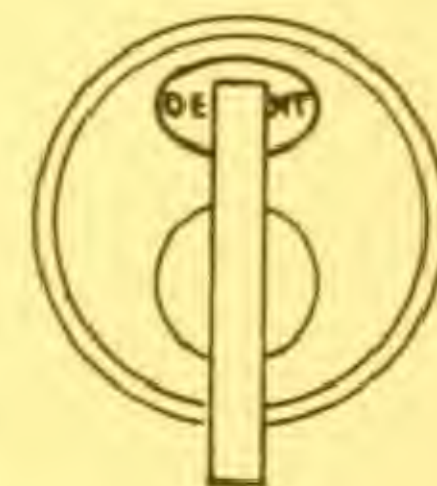
NO. 1135
2 Keys Each
Reversible
For Bulletin Boards,
Show Cases and
Sliding Doors



NO. 1136
2 Keys Each



NO. 1137
Thumb Turn Cylinder



REGULAR FINISH - US26D
US10 FINISH MAY BE HAD WHEN ORDERED
CYLINDERS ARE KEYED DIFFERENTLY IN PAIRS REGULARLY
CYLINDERS MAY BE HAD KEYED ALIKE WHEN SO ORDERED
MASTER KEY CYLINDERS MAY BE HAD AT AN EXTRA CHARGE

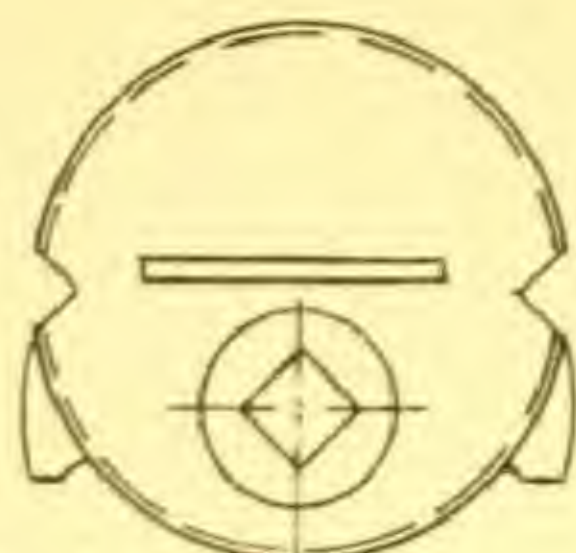
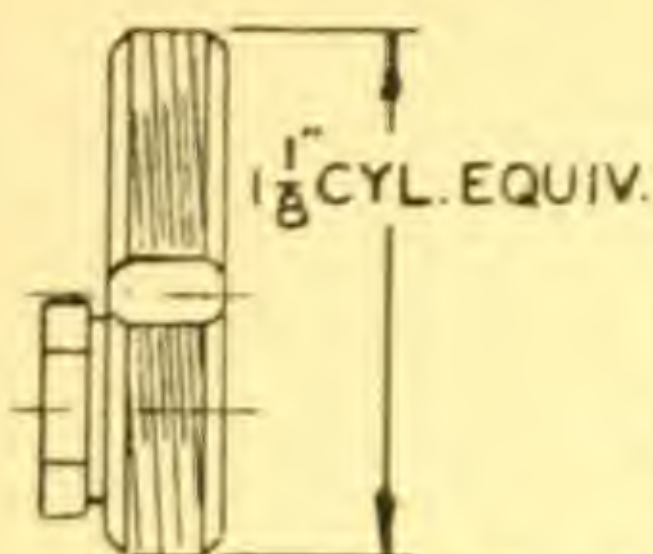


A NAME LINE

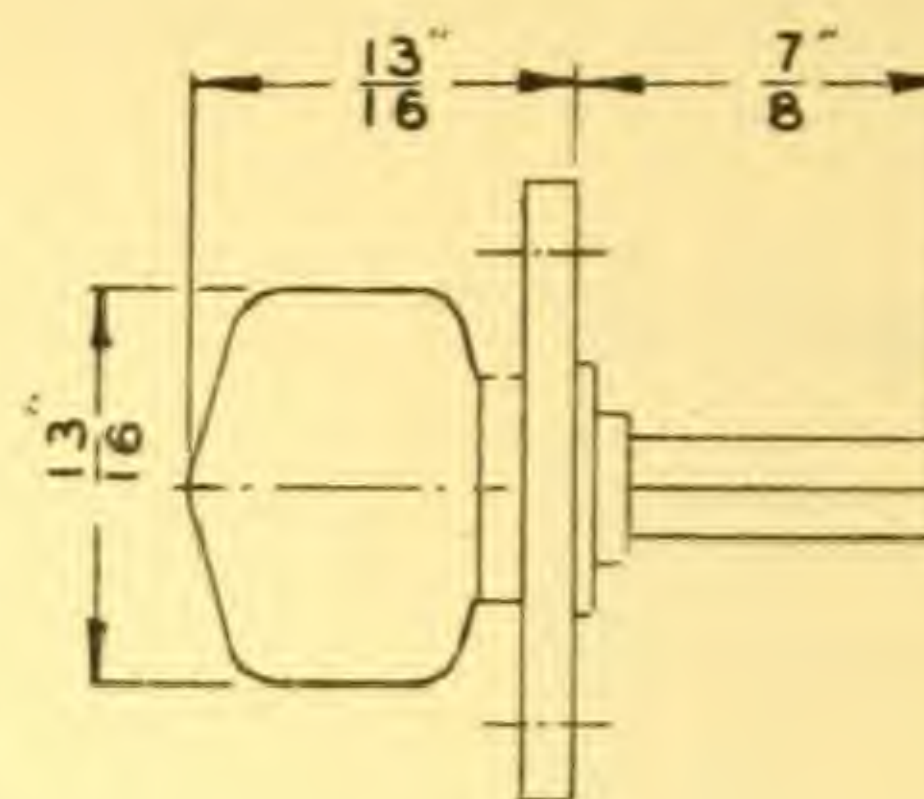
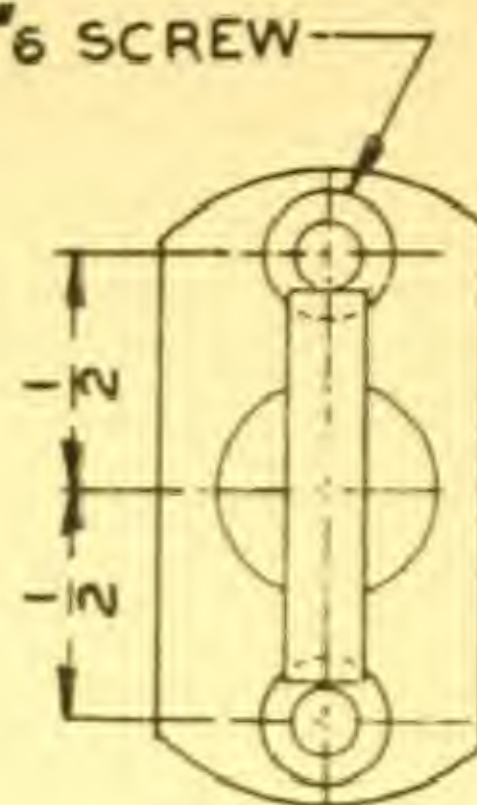
STANDARD OF QUALITY

TUBULAR DOOR HARDWARE MISCELLANEOUS

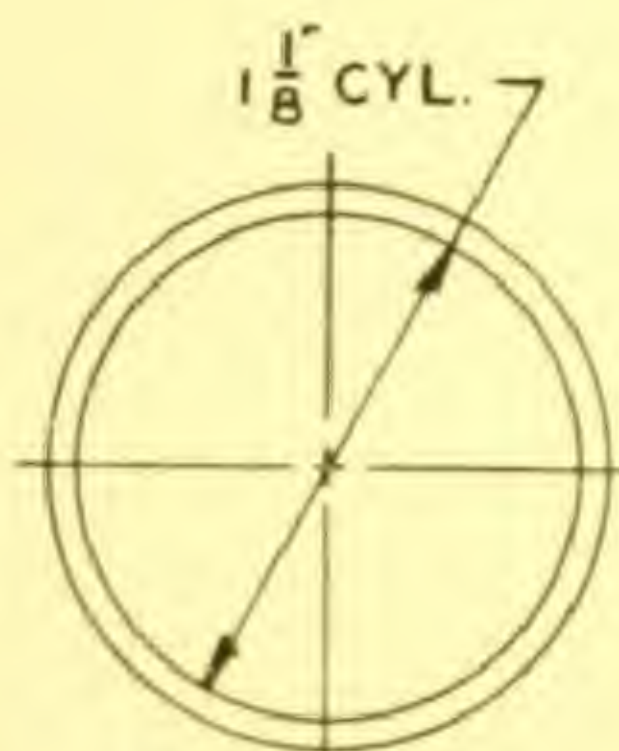
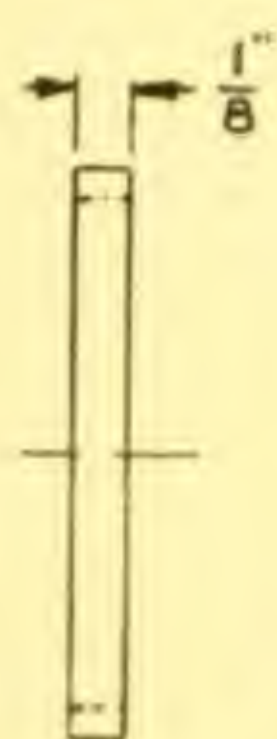
FOR #6 SCREW



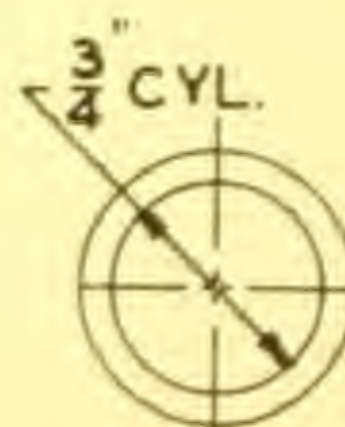
NO. 1134
THUMB TURN ATTACHMENT



NO. 1318
THUMB TURN



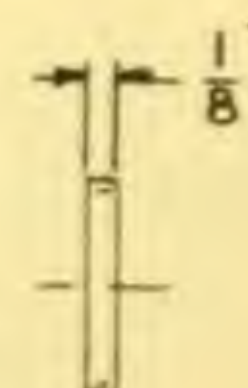
NO. 1140
1/8" x 1 1/8"
CYLINDER BLOCKING RING



NO. 1145
1/32" x 3/4" CYLINDER COLLAR



NO. 1146
3/4" RECESSED CYLINDER COLLAR
FOR 2" THICK DOORS



NO. 1147
1/8" x 3/4" CYLINDER
BLOCKING RING FOR
1 1/2" THICK DOORS

REGULAR FINISH - US26D
US10 FINISH MAY BE HAD WHEN ORDERED



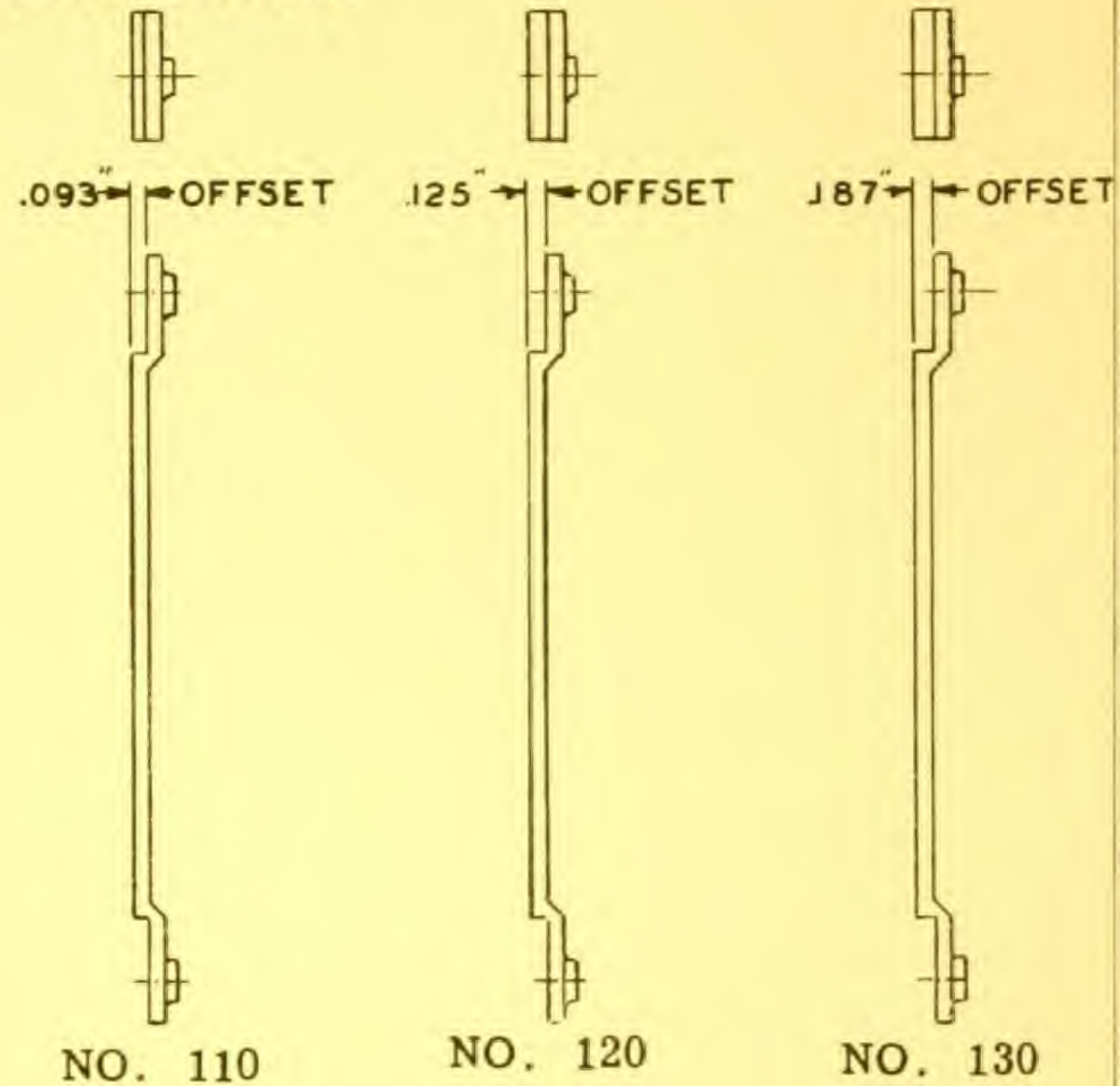
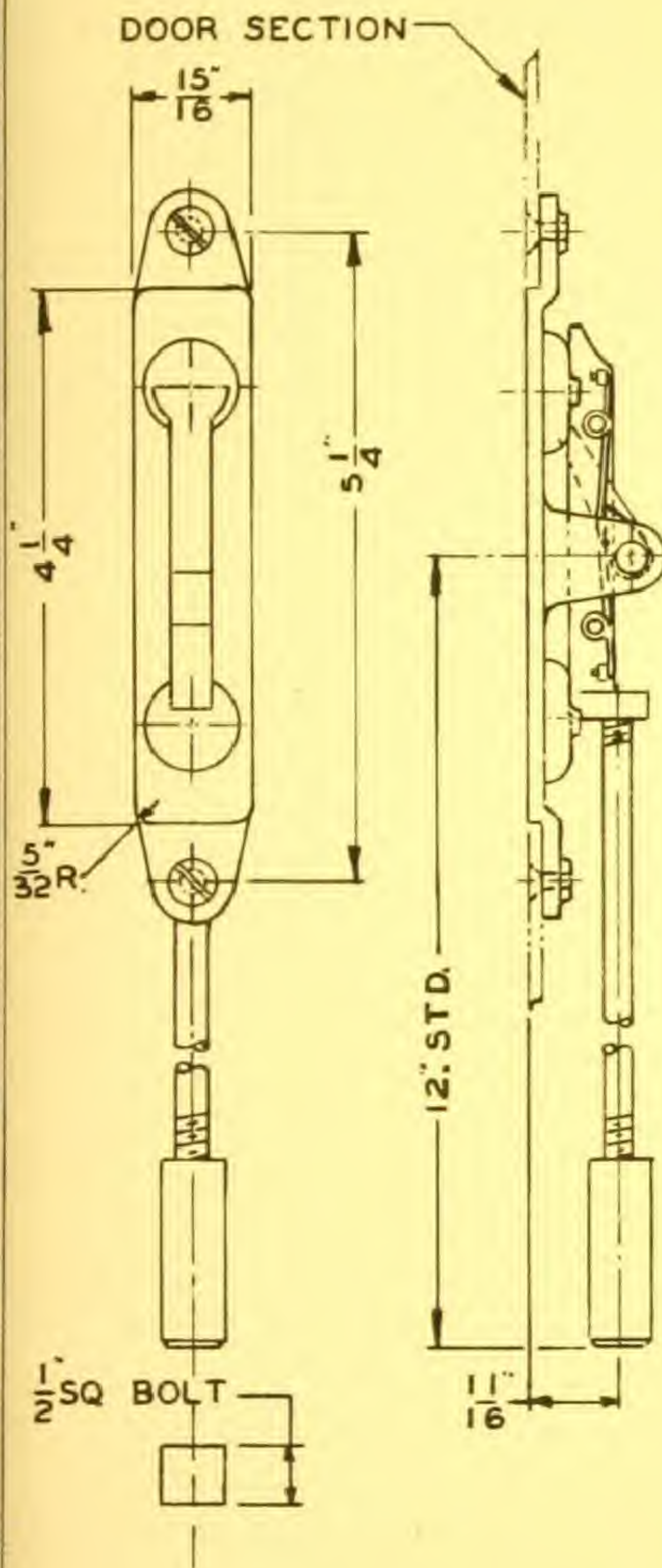
A NAME LINE

STANDARD OF QUALITY

TUBULAR DOOR HARDWARE

MORTISE EXTENSION FLUSH BOLTS FOR TUBULAR DOORS

FLAT FRONTS



REGULAR FINISH - US26D
US10 FINISH MAY BE HAD WHEN ORDERED
SCREW SIZE - O. H. 10/24 x 1/2 - STAINLESS STEEL



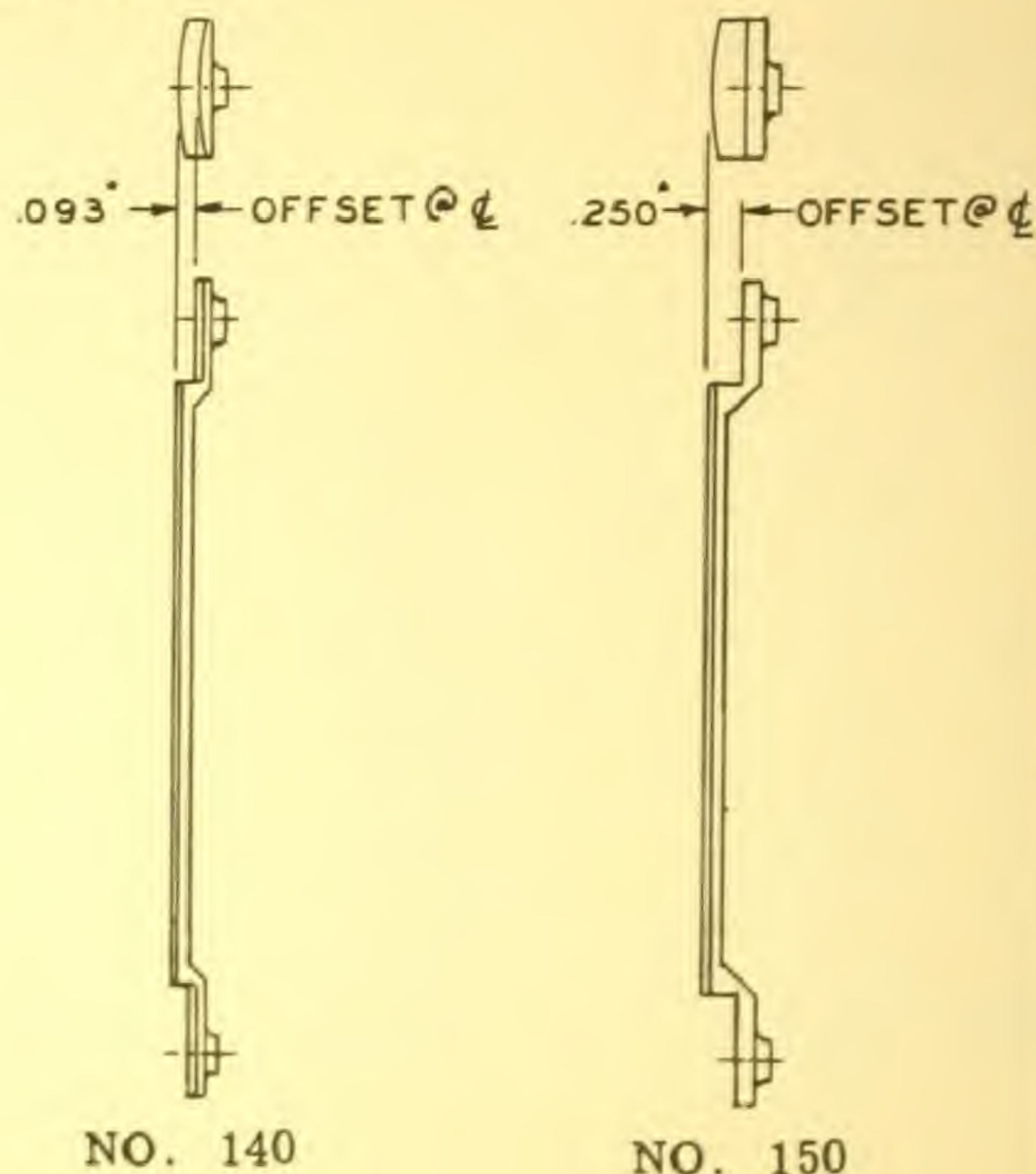
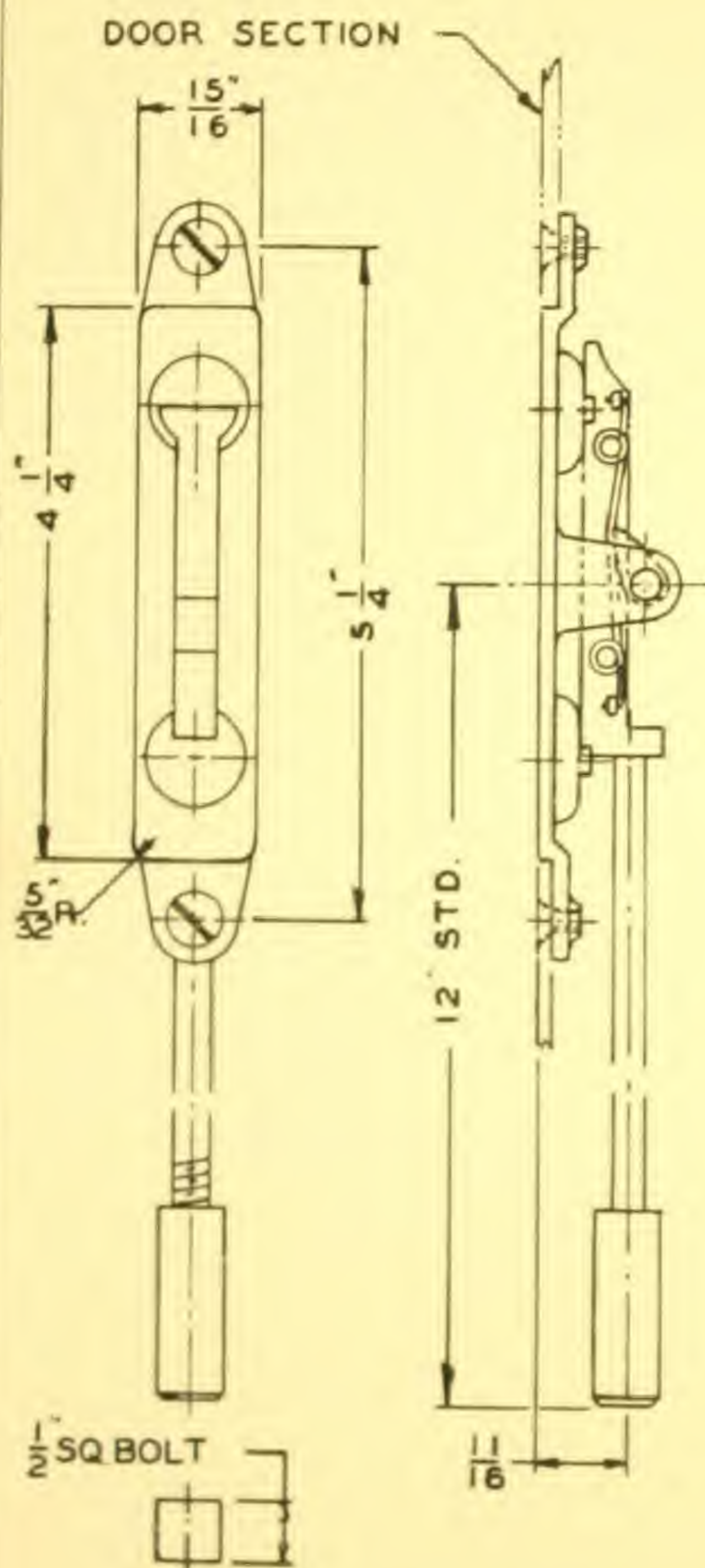
A NAME LINE

STANDARD OF QUALITY

TUBULAR DOOR HARDWARE

MORTISE EXTENSION FLUSH BOLTS FOR TUBULAR DOORS

ROUND FRONTS



REGULAR FINISH - US26D
US10 FINISH MAY BE HAD WHEN ORDERED
SCREW SIZE - O. H. 10/24 x 1/2 - STAINLESS STEEL

RING
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BINDING CO.
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